

# THE WORLD OF LAPP

EPIC<sup>®</sup> Industrial connectors



**LAPP GROUP**



## Welcome

Please come in and look around. Irrespective of which cable, line, plug and accessory you require for your particular application, you will find exactly what you need here. We have more than 40,000 different standard articles in stock. We also deliver within 24 or 48 hours. Special tasks demand special solutions. In this case too, you need look no further than our company. In addition to the comprehensive range of standard Lapp products, we can also offer you individual cable assemblies and the engineering involved.

You should also be aware of the following: Lapp is one of the leading international system providers. Our brands are used in the most varied of applications, branches and global markets. One of our principles states: when striving for perfection we should rely on no-one but ourselves. This is why we manufacture everything in our own production sites. We also have numerous sales companies and logistics centres around the world, which enable us to be close to our customers. We're somewhere near you too!

To contact your local Lapp Group representative please visit [www.lappgroup.com/worldwide](http://www.lappgroup.com/worldwide)

# Content



## EPIC® Industrial connectors

### Rectangular connectors

EPIC® H-A Inserts	6
EPIC® H-STA Inserts	9
EPIC® H-Q 5 / H-D 8 Inserts	12
EPIC® H-D Inserts	13
EPIC® H-DD Inserts	18
EPIC® H-BE Inserts	21
EPIC® H-EE Inserts	27
EPIC® H-BS Inserts	30
EPIC® H-BVE Inserts	31
EPIC® TB-H-BE Terminal adapter	32
EPIC® MC Modules	33
EPIC® MCR Frames	40
EPIC® Contacts + tools	41
EPIC® H-A 3 Housings	51
EPIC® H-A 10 Housings	56
EPIC® H-A 16 Housings	62
EPIC® H-A 32 Housings	68
EPIC® H-A 48 Housings	74
EPIC® ULTRA H-B 6	76
EPIC® ULTRA H-B 10	78
EPIC® ULTRA H-B 16	79
EPIC® ULTRA H-B 24	80
EPIC® H-B 6 Housings	81
EPIC® H-B 10 Housings	87
EPIC® H-B 16 Housings	100
EPIC® H-B 24 Housings	114
EPIC® H-B 32 Housings	128
EPIC® H-B 48 Housings	131
EPIC® Housing accessories	134
EPIC® Rectangular Kits	138

### Circular connectors

EPIC® CIRCON M23 Housings	148
EPIC® CIRCON M23 Inserts	153
EPIC® CIRCON M23 Contacts, tools, accessories	159
EPIC® M23	160
EPIC® ZYLIN R 3.0	162
EPIC® ZYLIN R3.0 tools, accessories	164
EPIC® CIRCON LS1	165
EPIC® CIRCON LS1 Contacts, tools, accessories	173
EPIC® LS1.5	174
EPIC® LS1.5 Contacts, tools, accessories	177
EPIC® LS3	178
EPIC® LS3 Contacts, tools, accessories	180
EPIC® LS1	181
EPIC® POWERLOCK CRIMP 660A	183
EPIC® POWERLOCK Contacts, tools, accessories	186
EPIC® POWERLOCK SCREW 400A	187
EPIC® POWERLOCK Contacts, tools, accessories	190

### Solar connectors

EPIC® SOLAR 4 THIN	191
EPIC® SOLAR	192

# Brand quality from Stuttgart



## ÖLFLEX® Power- and control cables

The world's first brand cable is available in the most varied of versions to match maximum requirements.

**Key features:** Oil-resistant, flexible and available to match almost any requirement or environmental condition – also free of halogens.

**Fields of application:** Multipurpose. Special variants are more and more in demand in the area of renewable energies.

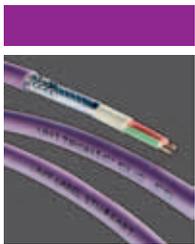


## SILVYN® Protective cable conduit- and cable carrier systems

The brand for all-round cable protection.

**Key features:** The product range includes SILVYN® cable protection hoses for perfect protection against mechanical and chemical loads, along with SILVYN® CHAIN energy supply chains for highly-dynamic applications.

**Fields of application:** Everywhere that cables have to be additionally protected or routed.



## UNITRONIC® Data communication systems

The ideal brand for fast, trend-setting and reliable data transfer.

**Key features:** UNITRONIC® are not only data lines, but also bus lines, which together with active sensor/actuator modules or gateways provide a perfect system for automation.

**Fields of application:** Measurement, control, regulation, bus or LAN networks.



## EPIC® Industrial connectors

The brand for strong and reliable connections.

**Key features:** Robust square and circular connectors. Flexible system consisting of housings, inserts, contacts and accessories – for every requirement, the tailor-made solution. Similarly, EPIC® SOLAR plugs for photovoltaics are also part of the extensive product range.

**Fields of application:** Mechanical and systems engineering, and drive technology.



## HITRONIC® Optical transmission systems

The brand for split-second, fault-free, intercept-free data transport.

**Key features:** The HITRONIC® product range includes fibre optic cables in the most varied of versions, along with suitable accessories such as splice boxes, wall distributors or couplings.

**Fields of application:** Office and industrial sector.



## ETHERLINE® Data communication systems for ETHERNET-Technology

The brands for network solutions, safety systems and firewalls in the industrial networking sector.

**Key features:** Integral system consisting of hardware (switches, routers, cables, plugs etc.), software, consulting, network design and support.

**Fields of application:** Factory automation.



## SKINTOP® Cable glands

The brand for multipurpose cable entries in line with the following: quickly fastened, centred and hermetically sealed.

**Key features:** Large clamping areas, optimum strain reliefs, the most diverse of versions such as SKINTOP® CLICK, COLD or CUBE.

**Fields of application:** Everywhere, where cables must be fastened reliably and quickly.



## FLEXIMARK® Cable marking products

The brand for permanent, clearly-arranged cable markings.

**Key features:** Comprehensive range – from manual labelling solutions onto digital identification. Withstands high chemical, thermal and mechanical loads.

**Fields of application:** All cable, single cores, control cabinets.



## At home in Stuttgart, but known all over the world

**The World of Lapp is based in Stuttgart. This is where it all started for our company, which was founded in 1959 as U.I. LAPP KG (now U.I. LAPP GmbH). From its headquarters in Stuttgart we have determinedly evolved to become a global player – with currently 15 production plants in Europe, Asia and America, 40 sales companies and more than 100 sales partners. The larger Lapp companies such as Russia, India, China, Canada and Mexico have their own warehouses. The others are promptly supplied through our high-performance logistics centres. At our Lapp Centres we are also strongly committed to enhancing the knowledge of our employees and customers. After all, knowledge is the ink with which the future is written down.**

One of our most successful “products” is that of proximity to our customers. On the one hand, we practice intensive dialogue with designers and planners, manufacturers and users. This enables us to identify new requirements and trends at a much earlier stage, to quickly provide you with suitable solutions. Innovation leadership put into active practice.

On the other hand, proximity to our customers really means something to us: our presence extends all round the globe. As a reliable partner on a local basis we support our customers in exploiting markets by providing them with short delivery times and low logistics costs.

Our current addresses see  
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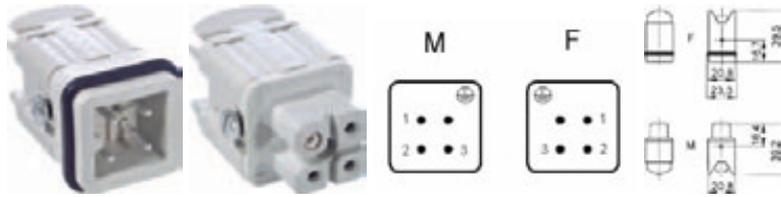
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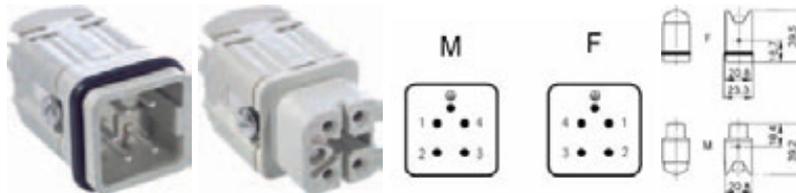
## EPIC® H-A 3



**Info**

- Straight cable entry from the rear

## EPIC® H-A 4



**Info**

- Straight cable entry from the rear

### Suitable housing:

- EPIC® H-A 3 Housings page 51
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

### Benefits

#### EPIC® H-A 3

- H-A Inserts with screw termination up to 2.5 mm<sup>2</sup> wire cross section
- H-A 3 are used wherever space is at a minimum. Screw termination with straight cable entrance from the rear

#### EPIC® H-A 4

- H-A Inserts with screw termination up to 2.5 mm<sup>2</sup> wire cross section
- Small H-A 4 are used wherever space is at a minimum. Screw termination with straight cable insertion from the rear

### Application range

- Machine and apparatus construction
- Control engineering

### Suitable tools

#### EPIC® H-A 3

- MULTICRIMP 6 crimping pliers
- Kraftform® adjustable torque screwdriver/ Kraftform Kompakt® Set

### Technical data

#### Rated voltage in V

IEC: 400 V  
UL: 600 V  
CSA: 600 V

#### Rated impulse Voltage

4 kV

#### Rated current in A

IEC: 23 A  
UL: 10 A  
CSA: 10 A

#### Pollution degree

3

#### Contact resistance

1.5 - 4 mOhm

#### Contacts

Copper alloy, hard silver plated

#### Number of contacts

EPIC® H-A 3

3 + PE

EPIC® H-A 4

4 + PE

#### Termination methods

Screw termination: 0.5 - 2.5 mm<sup>2</sup> (2.5 mm<sup>2</sup> with conductor end sleeves depends on the crimping profile)

#### Cycle of mechanical operation

100



#### Range of temperature

-40°C - +100°C, temporary up to +125°C



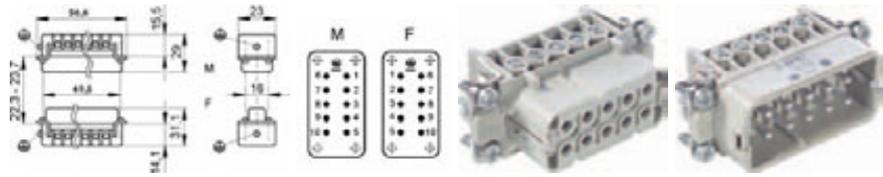
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VDE-REG.-No. 437

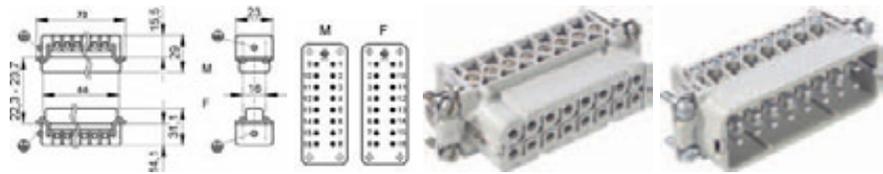
Part number	Part	Version	Contacts	Pieces / PU
<b>H-A 3 screw termination</b>				
10420000	H-A 3 SS	male	1 - 3	10
10421000	H-A 3 BS	female	1 - 3	10
<b>H-A 4 screw termination</b>				
10431000	H-A 4 SS	male	1 - 4	10
10432000	H-A 4 BS	female	1 - 4	10

Photographs are not to scale and do not represent detailed images of the respective products.

**EPIC® H-A 10**



**EPIC® H-A 16**



**Suitable housing:**

**EPIC® H-A 10**

- EPIC® H-A 10 Housings page 56
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**EPIC® H-A 16**

- EPIC® H-A 16 Housings page 62
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Benefits**

**EPIC® H-A 10**

- The proven EPIC® H-A 10 inserts for up to 2.5 mm<sup>2</sup> connection cross section in compact housings.

**EPIC® H-A 16**

- The proven EPIC® H-A 16 inserts for up to 2.5 mm<sup>2</sup> connection cross section in compact housings.

**Application range**

- Machine and apparatus construction
- Control engineering

**Suitable tools**

**EPIC® H-A 10**

- MULTICRIMP 6 crimping pliers
- Kraftform® adjustable torque screwdriver/ Kraftform Kompakt® Set

**Technical data**

**Rated voltage in V**

IEC: 250 V  
UL: 600 V  
CSA: 600 V

**Rated impulse Voltage**

4 kV

**Rated current in A**

IEC: 16 A  
UL: 14 A  
CSA: 16 A

**Pollution degree**

3

**Contact resistance**

1.5 - 4 mOhm

**Contacts**

Copper alloy, hard silver plated

**Number of contacts**

**EPIC® H-A 10**

10 + PE

**EPIC® H-A 16**

16 + PE

**Termination methods**

Screw termination: 0.5 - 2.5 mm<sup>2</sup> (2.5 mm<sup>2</sup> with conductor end sleeves depends on the crimping profile)

**Cycle of mechanical operation**

100



**Range of temperature**

-40°C - +100°C, temporary up to +125°C



**VDE tested**

VDE-REG.-No. 437

Part number	Part	Version	Wire protection	Contacts	Pieces / PU
<b>H-A 10 screw termination</b>					
10440100	H-A 10 SS	male	yes	1 - 10	5
10441100	H-A 10 BS	female	yes	1 - 10	5
10440000	H-A 10 SS	male		1 - 10	5
10441000	H-A 10 BS	female		1 - 10	5
<b>H-A 16 screw termination</b>					
10530000	H-A 16 SS	male	yes	1 - 16	5
10531000	H-A 16 BS	female	yes	1 - 16	5
10532000	H-A 16 SS	male		1 - 16	5
10533000	H-A 16 BS	female		1 - 16	5

Photographs are not to scale and do not represent detailed images of the respective products.

## EPIC® H-A 32



## EPIC® H-A 48



### Suitable housing:

#### EPIC® H-A 32

- EPIC® H-A 32 Housings page 68
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

#### EPIC® H-A 48

- EPIC® H-A 48 Housings page 74
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

### Benefits

- The proven EPIC® H-A 16 inserts for up to 2.5 mm<sup>2</sup> connection cross section in compact housings.

### Application range

- Machine and apparatus construction
- Control engineering

### Suitable tools

#### EPIC® H-A 32

- MULTICRIMP 6 crimping pliers
- Kraftform® adjustable torque screwdriver/ Kraftform Kompakt® Set

### Technical data

#### Rated voltage in V

IEC: 250 V  
UL: 600 V  
CSA: 600 V

#### Rated impulse Voltage

4 kV

#### Rated current in A

IEC: 16 A  
UL: 14 A  
CSA: 16 A

#### Pollution degree

3

#### Contact resistance

1.5 - 4 mOhm

#### Contacts

Copper alloy, hard silver plated

#### Number of contacts

16 + PE

#### Termination methods

Screw termination: 0.5 - 2.5 mm<sup>2</sup> (2.5 mm<sup>2</sup> with conductor end sleeves depends on the crimping profile)

#### Cycle of mechanical operation

100



#### Range of temperature

-40°C - +100°C, temporary up to +125°C



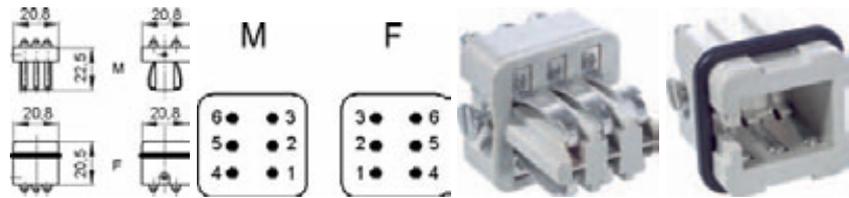
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VDE-REG.-No. 437

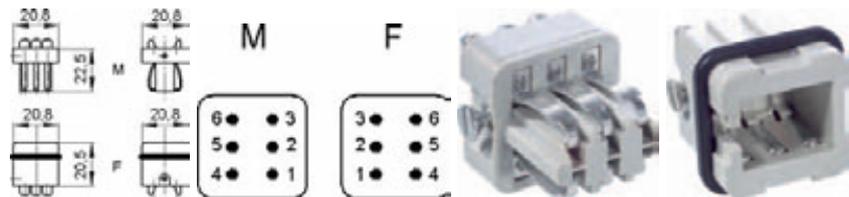
Part number	Part	Version	Wire protection	Contacts	Pieces / PU
<b>H-A 32 screw termination</b>					
10540000	H-A 16 SS	male	yes	17 - 32	5
10530000	H-A 16 SS	male	yes	1 - 16	5
10541000	H-A 16 BS	female	yes	17 - 32	5
10531000	H-A 16 BS	female	yes	1 - 16	5
10542000	H-A 16 SS	male		17 - 32	5
10532000	H-A 16 SS	male		1 - 16	5
10543000	H-A 16 BS	female		17 - 32	5
10533000	H-A 16 BS	female		1 - 16	5
<b>H-A 48 screw termination</b>					
10540100	H-A 16 SS	male	yes	33 - 48	5
10541100	H-A 16 BS	female	yes	33 - 48	5
10542100	H-A 16 SS	male		33 - 48	5
10543100	H-A 16 BS	female		33 - 48	5

Photographs are not to scale and do not represent detailed images of the respective products.

## EPIC® STA 6 Screw termination



## EPIC® STA 6 Solder termination



### Suitable housing:

- EPIC® H-A 3 Housings page 51
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

### Benefits

- STA inserts - proven by the strong contact springs.
- The proven STA inserts for screw termination and solder termination.

### Application range

- Control systems
- Rack technology
- Electronic laboratory

### Technical data

**Rated voltage in V**  
IEC: 24 V AC, 60 V DC  
UL: 48 V  
CSA: 48 V

**Rated current in A**  
IEC: 10 A  
UL: 10 A  
CSA: 10 A

**Pollution degree**  
2

**Contact resistance**  
< 3 mOhm

**Contacts**  
Copper alloy, tin plated

**Number of contacts**  
6

**Termination methods**  
**EPIC® STA 6 Screw termination**  
Screw termination: 0.5 - 1.5 mm<sup>2</sup>  
**EPIC® STA 6 Solder termination**  
Solder termination: up to 1.5 mm<sup>2</sup>

**Cycle of mechanical operation**  
100

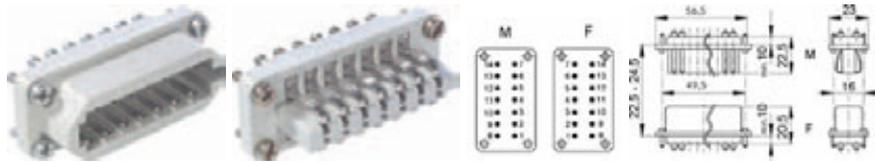


**Range of temperature**  
-40°C - +80°C

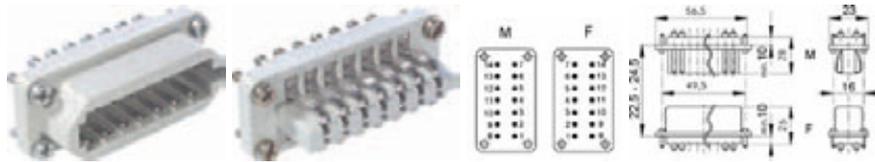
Part number	Part	Version	Contacts	Pieces / PU
<b>STA 6 screw termination</b>				
10486100	STA 6 SS	pin	1 - 6	10
10488100	STA 6 FS	Spring	1 - 6	10
<b>STA 6 solder termination</b>				
10485200	STA 6 SL	pin	1 - 6	10
10487200	STA 6 FL	Spring	1 - 6	10

Photographs are not to scale and do not represent detailed images of the respective products.

## EPIC® STA 14 Screw termination



## EPIC® STA 14 Solder termination



### Suitable housing:

- EPIC® H-A 10 Housings page 56
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

### Benefits

- STA inserts - proven by the strong contact springs.
- The proven STA inserts for screw termination and solder termination.

### Application range

- Control systems
- Rack technology
- Electronic laboratory

### Technical data

**Rated voltage in V**  
IEC: 24 V AC, 60 V DC  
UL: 48 V  
CSA: 48 V

**Rated current in A**  
IEC: 7.5 A  
UL: 7.5 A  
CSA: 7.5 A

**Pollution degree**  
2

**Contact resistance**  
< 3 mOhm

**Contacts**  
Copper alloy, tin plated

**Number of contacts**  
14

**Termination methods**  
**EPIC® STA 14 Screw termination**  
Screw termination: 0.5 - 1.5 mm<sup>2</sup>  
**EPIC® STA 14 Solder termination**  
Solder termination: up to 1.5 mm<sup>2</sup>

**Cycle of mechanical operation**  
100



**Range of temperature**  
-40°C - +80°C

Part number	Part	Version	Contacts	Pieces / PU
<b>STA 14 screw termination</b>				
10491100	STA 14 SS	pin	1 - 14	5
10493100	STA 14 FS	Spring	1 - 14	5
<b>STA 14 solder termination</b>				
10490200	STA 14 SL	pin	1 - 14	5
10492200	STA 14 FL	Spring	1 - 14	5

Photographs are not to scale and do not represent detailed images of the respective products.

**EPIC® STA 20 Screw termination**



**EPIC® STA 20 Solder termination**



**Suitable housing:**

- EPIC® H-A 16 Housings page 62
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Benefits**

- STA inserts - proven by the strong contact springs.
- The proven STA inserts for screw termination and solder termination.

**Application range**

- Control systems
- Rack technology
- Electronic laboratory

**Technical data**

**Rated voltage in V**  
IEC: 24 V AC, 60 V DC  
UL: 48 V  
CSA: 48 V

**Rated current in A**  
IEC: 7 A  
UL: 7 A  
CSA: 7 A

**Pollution degree**  
2

**Contact resistance**  
< 3 mOhm

**Contacts**  
Copper alloy, tin plated

**Number of contacts**  
20

**Termination methods**  
**EPIC® STA 20 Screw termination**  
Screw termination: 0.5 - 1.5 mm<sup>2</sup>  
**EPIC® STA 20 Solder termination**  
Solder termination: up to 1.5 mm<sup>2</sup>

**Cycle of mechanical operation**  
100



**Range of temperature**  
-40 °C - +80 °C

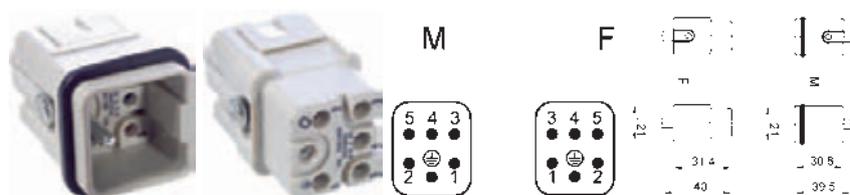
Part number	Part	Version	Contacts	Pieces / PU
<b>STA 20 screw termination</b>				
10501100	STA 20 SS	pin	1 - 20	5
10503100	STA 20 FS	Spring	1 - 20	5
<b>STA 20 solder termination</b>				
10500200	STA 20 SL	pin	1 - 20	5
10502200	STA 20 FL	Spring	1 - 20	5

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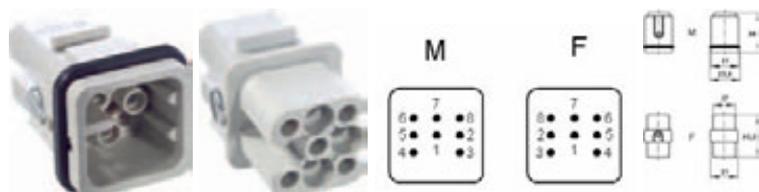
Rectangular connectors

EPIC® H-Q 5 / H-D 8 Inserts

EPIC® H-Q 5



EPIC® H-D 8



Suitable housing:

EPIC® H-Q 5

- EPIC® H-A 3 Housings page 51
- EPIC® H-BE 2.5 machined contacts page 45

EPIC® H-D 8

- EPIC® H-A 3 Housings page 51
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

Suitable contacts:

EPIC® H-Q 5

- EPIC® H-BE 2.5 machined contacts page 45

EPIC® H-D 8

- EPIC® H-D 1.6 machined contacts page 42

Benefits

EPIC® H-Q 5

- Small H-Q 5 inserts with machined crimp contacts up to 2.5mm<sup>2</sup>.
- With five working contacts in crimp technology and one PE contact with screw termination.

EPIC® H-D 8

- Inserts of the connector series H-D are designed for applications in which a high number of contacts are required.

Application range

- Machine and apparatus construction
- Control engineering

Technical data

Rated voltage in V

EPIC® H-Q 5  
IEC: 230 V / 400 V

UL: 600 V  
CSA: 600 V

EPIC® H-D 8

IEC: 24 V (AC)/60 V (DC) metal housing; 250 V thermoplastic housing;  
UL: 250 V

Rated impulse Voltage

EPIC® H-Q 5  
4 kV

EPIC® H-D 8  
2.5 kV

Rated current in A

EPIC® H-Q 5  
IEC: 16 A  
UL: 16 A

CSA: 16 A  
EPIC® H-D 8  
IEC: 10 A  
UL: 10 A

Pollution degree

3

Contact resistance

< 2 mOhm

Contacts

Copper alloy, hard silver / gold plated

Number of contacts

EPIC® H-Q 5  
5 + PE

EPIC® H-D 8  
8

Termination methods

EPIC® H-Q 5

Crimp termination: 0.5 - 2.5 mm<sup>2</sup>

EPIC® H-D 8

Crimp termination: 0.14 - 2.5 mm<sup>2</sup>

Cycle of mechanical operation

100



Range of temperature

-40°C - +100°C, temporary up to +125°C



VDE tested

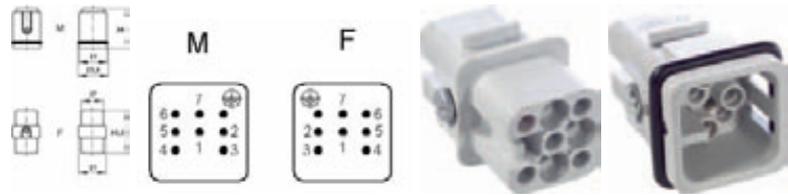
EPIC® H-D 8

VDE-REG.-No. 437

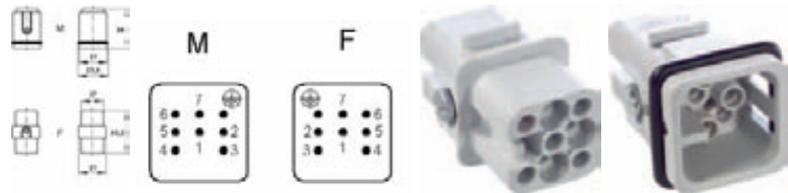
Part number	Part	Version	Contacts	Pieces / PU
<b>H-Q 5 crimp termination</b>				
10431500	H-Q 5 SC	male	1 - 5	10
10432500	H-Q 5 BC	female	1 - 5	10
<b>H-D 8 crimp termination</b>				
11252500	H-D 8 SCM	male	1 - 8	10
11253500	H-D 8 BCM	female	1 - 8	10

Photographs are not to scale and do not represent detailed images of the respective products.

**EPIC® H-D 7 machined**



**EPIC® H-D 7 stamped**



**Suitable housing:**

**EPIC® H-D 7 machined**

- EPIC® H-A 3 Housings page 51
- EPIC® H-D 1.6 machined contacts page 42
- EPIC® QUICK & EASY Mounting system page 134

**EPIC® H-D 7 stamped**

- EPIC® H-A 3 Housings page 51
- EPIC® H-D 1.6 stamped contacts page 43
- EPIC® H-D 1.6 stamped contacts-on-reel page 44
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**

**Rated voltage in V**

IEC: 24 V (AC) / 60 V (DC) metal housing; 250 V thermoplastic housing; UL: 250 V

**Rated impulse Voltage**

2.5 kV

**Rated current in A**

IEC: 10 A  
UL: 10 A

**Pollution degree**

3

**Contact resistance**

< 2 mOhm

**Contacts**

Copper alloy, hard silver / gold plated

**Number of contacts**

7 + PE

**Termination methods**

Crimp termination: 0.14 - 2.5 mm<sup>2</sup>

**Cycle of mechanical operation**

100



**Range of temperature**

-40°C - +100°C, temporary up to +125°C



**VDE tested**

VDE-REG.-No. 437

**Suitable contacts:**

**EPIC® H-D 7 machined**

- EPIC® H-D 1.6 machined contacts page 42

**EPIC® H-D 7 stamped**

- EPIC® H-D 1.6 stamped contacts page 43
- EPIC® H-D 1.6 stamped contacts-on-reel page 44

**Benefits**

- Inserts of the connector series H-D are designed for applications in which a high number of contacts are required.

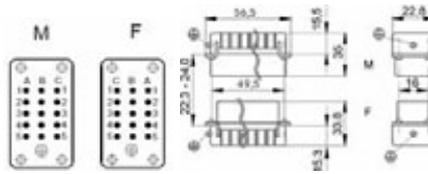
**Application range**

- Machine and apparatus construction
- Control engineering

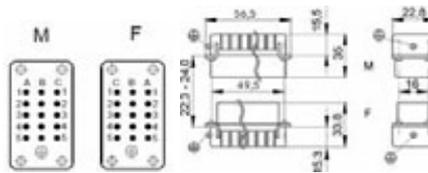
Part number	Part	Version	Article designation	Contacts	Pieces / PU
<b>H-D 7 crimp termination</b>					
11250500	H-D 7 SCM	male	machined	1 - 7	10
11251500	H-D 7 BCM	female	machined	1 - 7	10
11250000	H-D 7 SCG	male	stamped	1 - 7	10
11251000	H-D 7 BCG	female	stamped	1 - 7	10

Photographs are not to scale and do not represent detailed images of the respective products.

## EPIC® H-D 15 machined



## EPIC® H-D 15 stamped



### Suitable housing:

#### EPIC® H-D 15 machined

- EPIC® H-A 10 Housings page 56
- EPIC® H-D 1.6 machined contacts page 42
- EPIC® QUICK & EASY Mounting system page 134

#### EPIC® H-D 15 stamped

- EPIC® H-A 10 Housings page 56
- EPIC® H-D 1.6 stamped contacts page 43
- EPIC® H-D 1.6 stamped contacts-on-reel page 44
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

### Technical data

#### Rated voltage in V

IEC: 250 V  
UL: 250 V

#### Rated impulse Voltage

2.5 kV

#### Rated current in A

IEC: 10 A  
UL: 10 A

#### Pollution degree

3

#### Contact resistance

< 2 mOhm

#### Contacts

Copper alloy, hard silver / gold plated

#### Number of contacts

15 + PE

#### Termination methods

Crimp termination: 0.14 - 2.5 mm<sup>2</sup>

#### Cycle of mechanical operation

100



#### Range of temperature

-40°C - +100°C, temporary up to +125°C



#### VDE tested

VDE-REG.-No. 437

### Suitable contacts:

#### EPIC® H-D 15 machined

- EPIC® H-D 1.6 machined contacts page 42

#### EPIC® H-D 15 stamped

- EPIC® H-D 1.6 stamped contacts page 43
- EPIC® H-D 1.6 stamped contacts-on-reel page 44

### Benefits

- Inserts of the connector series H-D are designed for applications in which a high number of contacts are required.

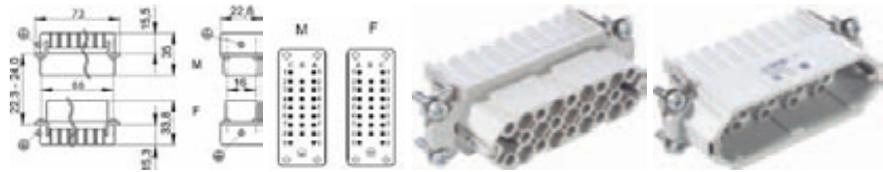
### Application range

- Machine and apparatus construction
- Control engineering

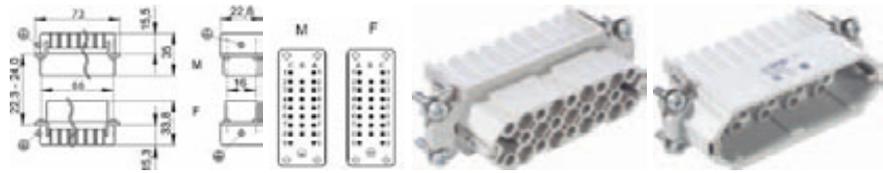
Part number	Part	Version	Article designation	Contacts	Pieces / PU
<b>H-D 15 crimp termination</b>					
11283200	H-D 15 SCM	male	machined	1 - 15	5
11282200	H-D 15 BCM	female	machined	1 - 15	5
11255000	H-D 15 SCG	male	stamped	1 - 15	5
11256000	H-D 15 BCG	female	stamped	1 - 15	5

Photographs are not to scale and do not represent detailed images of the respective products.

**EPIC® H-D 25 machined**



**EPIC® H-D 25 stamped**



**Suitable housing:**

**EPIC® H-D 25 machined**

- EPIC® H-A 16 Housings page 62
- EPIC® H-D 1.6 machined contacts page 42
- EPIC® QUICK & EASY Mounting system page 134

**EPIC® H-D 25 stamped**

- EPIC® H-A 16 Housings page 62
- EPIC® H-D 1.6 stamped contacts page 43
- EPIC® H-D 1.6 stamped contacts-on-reel page 44
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**

**Rated voltage in V**  
IEC: 250 V  
UL: 250 V

**Rated impulse Voltage**  
2.5 kV

**Rated current in A**  
IEC: 10 A  
UL: 10 A

**Pollution degree**  
3

**Contact resistance**  
< 2 mOhm

**Contacts**

Copper alloy, hard silver / gold plated

**Number of contacts**

25 + PE

**Termination methods**

Crimp termination: 0.14 - 2.5 mm<sup>2</sup>

**Cycle of mechanical operation**

100



**Range of temperature**

-40°C - +100°C, temporary up to +125°C



**VDE tested**

VDE-REG.-No. 437

**Suitable contacts:**

**EPIC® H-D 25 machined**

- EPIC® H-D 1.6 machined contacts page 42

**EPIC® H-D 25 stamped**

- EPIC® H-D 1.6 stamped contacts page 43
- EPIC® H-D 1.6 stamped contacts-on-reel page 44

**Benefits**

- Inserts of the connector series H-D are designed for applications in which a high number of contacts are required.

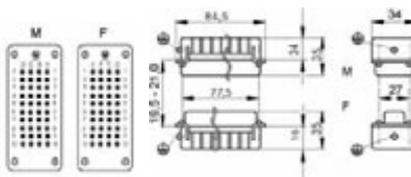
**Application range**

- Machine and apparatus construction
- Control engineering

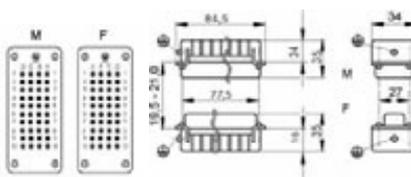
Part number	Part	Version	Article designation	Contacts	Pieces / PU
<b>H-D 25 crimp termination</b>					
11283300	H-D 25 SCM	male	machined	1 - 25	5
11282300	H-D 25 BCM	female	machined	1 - 25	5
11260000	H-D 25 SCG	male	stamped	1 - 25	5
11261000	H-D 25 BCG	female	stamped	1 - 25	5

Photographs are not to scale and do not represent detailed images of the respective products.

## EPIC® H-D 40 machined



## EPIC® H-D 40 stamped



### Suitable housing:

#### EPIC® H-D 40 machined

- EPIC® H-B 16 Housings page 100
- EPIC® ULTRA H-B 16 page 79
- EPIC® QUICK & EASY Mounting system page 134
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

#### EPIC® H-D 40 stamped

- EPIC® H-B 16 Housings page 100
- EPIC® ULTRA H-B 16 page 79
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

### Technical data

#### Rated voltage in V

IEC: 250 V  
UL: 250 V

#### Rated impulse Voltage

2.5 kV

#### Rated current in A

IEC: 10 A  
UL: 10 A

#### Pollution degree

3

#### Contact resistance

< 2 mOhm

#### Contacts

Copper alloy, hard silver / gold plated

#### Number of contacts

40 + PE

#### Termination methods

Crimp termination: 0.14 - 2.5 mm<sup>2</sup>

#### Cycle of mechanical operation

100

#### Range of temperature

-40°C - +100°C, temporary up to +125°C



### Suitable contacts:

#### EPIC® H-D 40 machined

- EPIC® H-D 1.6 machined contacts page 42

#### EPIC® H-D 40 stamped

- EPIC® H-D 1.6 stamped contacts page 43
- EPIC® H-D 1.6 stamped contacts-on-reel page 44

### Benefits

- Inserts of the connector series H-D are designed for applications in which a high number of contacts are required.

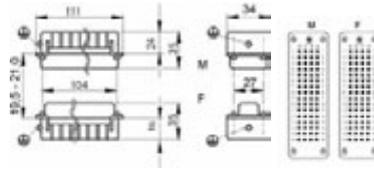
### Application range

- Plant engineering
- Light & Sound technology

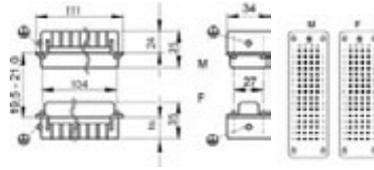
Part number	Part	Version	Article designation	Contacts	Pieces / PU
<b>H-D 40 crimp termination</b>					
11265200	H-D 40 SCM	male	machined	1 - 40	10
11266200	H-D 40 BCM	female	machined	1 - 40	10
11265000	H-D 40 SCG	male	stamped	1 - 40	5
11266000	H-D 40 BCG	female	stamped	1 - 40	5

Photographs are not to scale and do not represent detailed images of the respective products.

**EPIC® H-D 64 machined**



**EPIC® H-D 64 stamped**



**Suitable housing:**

**EPIC® H-D 64 machined**

- EPIC® H-B 24 Housings page 114
- EPIC® ULTRA H-B 24 page 80
- EPIC® QUICK & EASY Mounting system page 134
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**EPIC® H-D 64 stamped**

- EPIC® H-B 24 Housings page 114
- EPIC® ULTRA H-B 24 page 80
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**

**Rated voltage in V**

IEC: 250 V  
UL: 250 V

**Rated impulse Voltage**

2.5 kV

**Rated current in A**

IEC: 10 A  
UL: 10 A

**Pollution degree**

3

**Contact resistance**

< 2 mOhm

**Contacts**

Copper alloy, hard silver / gold plated

**Number of contacts**

64 + PE

**Termination methods**

Crimp termination: 0.14 - 2.5 mm<sup>2</sup>

**Cycle of mechanical operation**

100



**Range of temperature**

-40°C - +100°C, temporary up to +125°C

**Suitable contacts:**

**EPIC® H-D 64 machined**

- EPIC® H-D 1.6 machined contacts page 42

**EPIC® H-D 64 stamped**

- EPIC® H-D 1.6 stamped contacts page 43
- EPIC® H-D 1.6 stamped contacts-on-reel page 44

**Benefits**

- Inserts of the connector series H-D are designed for applications in which a high number of contacts are required.

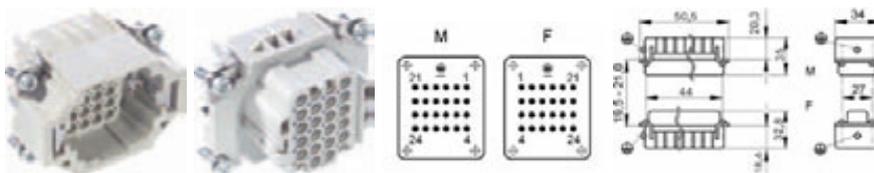
**Application range**

- Plant engineering
- Light & Sound technology

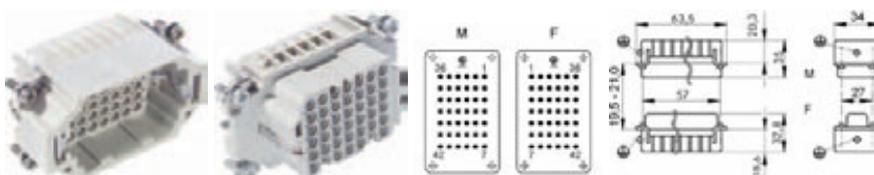
Part number	Part	Version	Article designation	Contacts	Pieces / PU
<b>H-D 64 crimp termination</b>					
11272000	H-D 64 SCM	male	machined	1 - 64	10
11273000	H-D 64 BCM	female	machined	1 - 64	10
11270000	H-D 64 SCG	male	stamped	1 - 64	5
11271000	H-D 64 BCG	female	stamped	1 - 64	5

Photographs are not to scale and do not represent detailed images of the respective products.

## EPIC® H-DD 24



## EPIC® H-DD 42



### Suitable housing:

#### EPIC® H-DD 24

- EPIC® H-B 6 Housings page 81
- EPIC® ULTRA H-B 6 page 76
- EPIC® QUICK & EASY Mounting system page 134
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

#### EPIC® H-DD 42

- EPIC® H-B 10 Housings page 87
- EPIC® ULTRA H-B 10 page 78
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

### Suitable contacts:

- EPIC® H-D 1.6 machined contacts page 42

### Benefits

- The H-DD series with machined contacts is designed for high number of contacts in very tight spaces. This allows for smaller housing types to be chosen.

### Application range

- Mechanical engineering
- Light & Sound technology
- Plastics industry

### Technical data

#### Rated voltage in V

IEC: 250 V  
UL: 600 V  
CSA: 600 V

#### Rated impulse Voltage

2.5 kV

#### Rated current in A

IEC: 10 A  
UL: 8.5 A  
CSA: 10 A

#### Pollution degree

2

#### Contact resistance

< 3 mOhm

#### Contacts

Copper alloy, hard silver / gold plated

#### Number of contacts

EPIC® H-DD 24

24 + PE

EPIC® H-DD 42

42 + PE

#### Termination methods

Crimp termination: 0.14 - 2.5 mm<sup>2</sup>

#### Cycle of mechanical operation

100



#### Range of temperature

-40°C - +100°C, temporary up to +125°C



#### VDE tested

VDE-REG.-No. 437

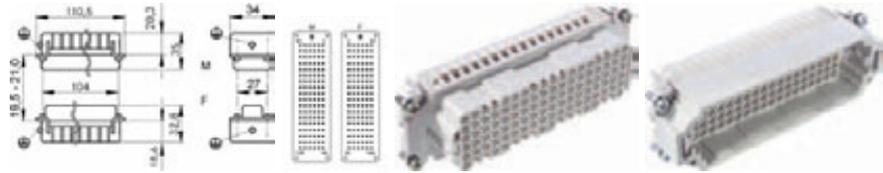
Part number	Part	Version	Article designation	Contacts	Pieces / PU
<b>H-DD 24 crimp termination</b>					
11285000	H-DD 24 SCM	male	machined	1 - 24	5
11286000	H-DD 24 BCM	female	machined	1 - 24	5
<b>H-DD 42 crimp termination</b>					
11285100	H-DD 42 SCM	male	machined	1 - 42	5
11286100	H-DD 42 BCM	female	machined	1 - 42	5

Photographs are not to scale and do not represent detailed images of the respective products.

**EPIC® H-DD 72**



**EPIC® H-DD 108**



**Suitable housing:**

**EPIC® H-DD 72**

- EPIC® H-B 16 Housings page 100
- EPIC® ULTRA H-B 16 page 79
- EPIC® QUICK & EASY Mounting system page 134
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**EPIC® H-DD 108**

- EPIC® H-B 24 Housings page 114
- EPIC® ULTRA H-B 24 page 80
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Suitable contacts:**

- EPIC® H-D 1.6 machined contacts page 42

**Benefits**

- The H-DD series with machined contacts is designed for high number of contacts in very tight spaces. This allows for smaller housing types to be chosen.

**Application range**

- Mechanical engineering
- Light & Sound technology
- Plastics industry

**Technical data**

**Rated voltage in V**

IEC: 250 V  
UL: 600 V  
CSA: 600 V

**Rated impulse Voltage**

2.5 kV

**Rated current in A**

IEC: 10 A  
UL: 8.5 A  
CSA: 10 A

**Pollution degree**

2

**Contact resistance**

< 3 mOhm

**Contacts**

Copper alloy, hard silver / gold plated

**Number of contacts**

**EPIC® H-DD 72**

72 + PE

**EPIC® H-DD 108**

108 + PE

**Termination methods**

Crimp termination: 0.14 - 2.5 mm<sup>2</sup>

**Cycle of mechanical operation**

100



**Range of temperature**

-40°C - +100°C, temporary up to +125°C



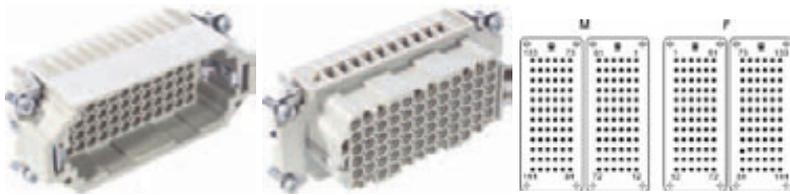
**VDE tested**

VDE-REG.-No. 437

Part number	Part	Version	Article designation	Contacts	Pieces / PU
<b>H-DD 72 crimp termination</b>					
11285200	H-DD 72 SCM	male	machined	1 - 72	5
11286200	H-DD 72 BCM	female	machined	1 - 72	5
<b>H-DD 108 crimp termination</b>					
11285300	H-DD 108 SCM	male	machined	1 - 108	5
11286300	H-DD 108 BCM	female	machined	1 - 108	5

Photographs are not to scale and do not represent detailed images of the respective products.

## EPIC® H-DD 144



## EPIC® H-DD 216



### Suitable housing:

#### EPIC® H-DD 144

- EPIC® H-B 32 Housings page 128
- EPIC® QUICK & EASY Mounting system page 134
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

#### EPIC® H-DD 216

- EPIC® H-B 48 Housings page 131
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

### Suitable contacts:

- EPIC® H-D 1.6 machined contacts page 42

### Benefits

- The H-DD series with machined contacts is designed for high number of contacts in very tight spaces. This allows for smaller housing types to be chosen.

### Application range

- Mechanical engineering
- Light & Sound technology
- Plastics industry

### Technical data

#### Rated voltage in V

IEC: 250 V  
UL: 600 V  
CSA: 600 V

#### Rated impulse Voltage

2.5 kV

#### Rated current in A

IEC: 10 A  
UL: 8.5 A  
CSA: 10 A

#### Pollution degree

2

#### Contact resistance

< 3 mOhm

#### Contacts

Copper alloy, hard silver / gold plated

#### Number of contacts

72 + PE

#### Termination methods

Crimp termination: 0.14 - 2.5 mm<sup>2</sup>

#### Cycle of mechanical operation

100



#### Range of temperature

-40°C - +100°C, temporary up to +125°C



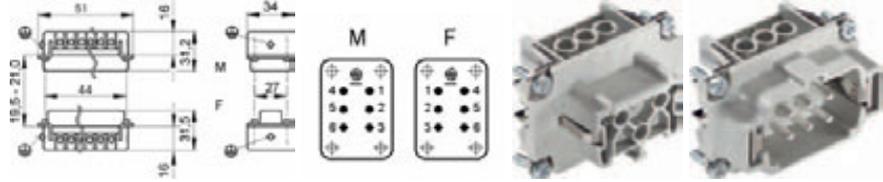
#### VDE tested

VDE-REG.-No. 437

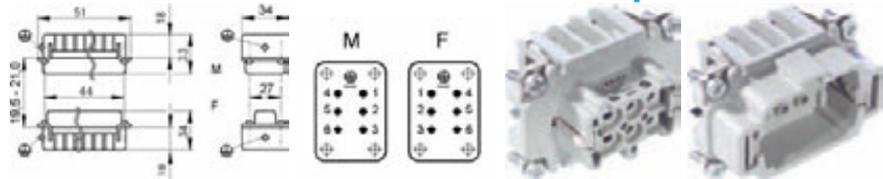
Part number	Part	Version	Article designation	Contacts	Pieces / PU
<b>H-DD 144 crimp termination</b>					
11285400	H-DD 72 SCM	male	machined	73 - 144	5
11285200	H-DD 72 SCM	male	machined	1 - 72	5
11286400	H-DD 72 BCM	female	machined	73 - 144	5
11286200	H-DD 72 BCM	female	machined	1 - 72	5
<b>H-DD 216 crimp termination</b>					
11285500	H-DD 108 SCM	male	machined	109 - 216	5
11285300	H-DD 108 SCM	male	machined	1 - 108	5
11286500	H-DD 108 BCM	female	machined	109 - 216	5
11286300	H-DD 108 BCM	female	machined	1 - 108	5

Photographs are not to scale and do not represent detailed images of the respective products.

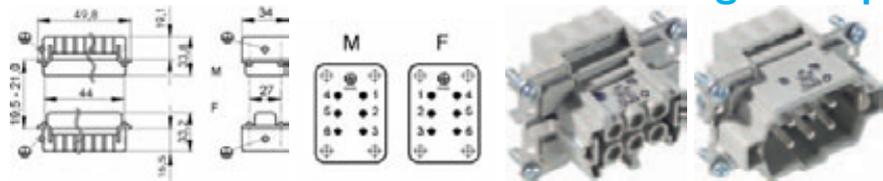
**EPIC® H-BE 6 Screw termination**



**EPIC® H-BE 6 Crimp termination**



**EPIC® H-BE 6 Cage clamp**



**Suitable housing:**

**EPIC® H-BE 6 Screw termination**

- EPIC® H-B 6 Housings page 81
- EPIC® ULTRA H-B 6 page 76
- EPIC® QUICK & EASY Mounting system page 134
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**EPIC® H-BE 6 Crimp termination**

- EPIC® H-B 6 Housings page 81
- EPIC® ULTRA H-B 6 page 76
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**EPIC® H-BE 6 Cage clamp**

- EPIC® H-B 6 Housings page 81
- EPIC® ULTRA H-B 6 page 76
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Suitable contacts:**

**EPIC® H-BE 6 Crimp termination**

- EPIC® H-BE 2.5 machined contacts page 45

**Suitable tools**

**EPIC® H-BE 6 Screw termination**

- MULTICRIMP 6 crimping pliers
- Kraftform® adjustable torque screwdriver/ Kraftform Kompakt® Set
- Recommended crimping tool when conductor end sleeves are used MULTICRIMP 6

**Technical data**

**Rated voltage in V**

IEC: 500 V  
UL: 600 V  
CSA: 600 V

**Rated impulse Voltage**

6 kV

**Rated current in A**

IEC: 16 A  
UL: 16 A  
CSA: 16 A

**Pollution degree**

3

**Contact resistance**

**EPIC® H-BE 6 Screw termination**  
< 2 mOhm

**EPIC® H-BE 6 Crimp termination**  
< 2 mOhm

**EPIC® H-BE 6 Cage clamp**  
1.5 - 4 mOhm

**Contacts**

**EPIC® H-BE 6 Screw termination**

Copper alloy, hard silver plated

**EPIC® H-BE 6 Crimp termination**

Copper alloy, hard silver / gold plated

**EPIC® H-BE 6 Cage clamp**

Copper alloy, hard silver plated

**Number of contacts**

6 + PE

**Termination methods**

**EPIC® H-BE 6 Screw termination**

Screw termination: 0.5 - 2.5 mm<sup>2</sup>

**EPIC® H-BE 6 Crimp termination**

Crimp termination: 0.5 - 4.0 mm<sup>2</sup>

**EPIC® H-BE 6 Cage clamp**

Cage clamp termination: 0.5 - 2.5 mm<sup>2</sup>

**Cycle of mechanical operation**

100



**Range of temperature**

-40°C - +100°C, temporary up to +125°C



**VDE tested**

**EPIC® H-BE 6 Screw termination**  
VDE-REG.-No. 437

**EPIC® H-BE 6 Crimp termination**  
VDE-REG.-No. 437

**Benefits**

- Standard inserts with screw, crimp and cage clamp termination
- The EPIC® H-BE series are suitable in applications that require a reliable connection working with high voltages and current

**Application range**

- Mechanical engineering
- Light & Sound technology
- Plastics industry

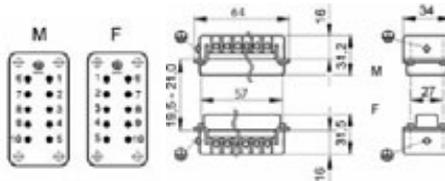
Part number	Part	Version	Wire protection	Article designation	Contacts	Pieces / PU
<b>H-BE 6 screw termination</b>						
10190000	H-BE 6 SS	male	yes		1 - 6	10
10191000	H-BE 6 BS	female	yes		1 - 6	10
10190100	H-BE 6 SS	male			1 - 6	10
10191100	H-BE 6 BS	female			1 - 6	10
<b>H-BE 6 crimp termination</b>						
10180000	H-BE 6 SCM	male		machined	1 - 6	10
10181000	H-BE 6 BCM	female		machined	1 - 6	10
<b>H-BE 6 cage clamp termination</b>						
10400000	H-BE 6 SF	male			1 - 6	10
10401000	H-BE 6 BF	female			1 - 6	10

Photographs are not to scale and do not represent detailed images of the respective products.

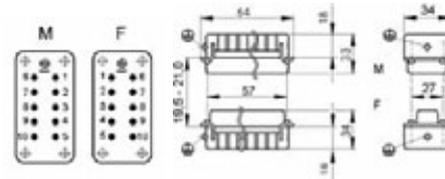
Rectangular connectors

EPIC® H-BE Inserts

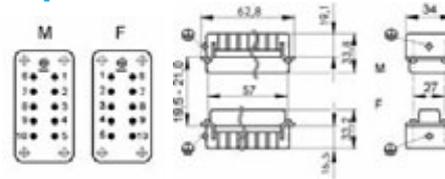
EPIC® H-BE 10 Screw termination



EPIC® H-BE 10 Crimp termination



EPIC® H-BE 10 Cage clamp



Suitable housing:

EPIC® H-BE 10 Screw termination

- EPIC® H-B 10 Housings page 87
- EPIC® ULTRA H-B 10 page 78
- EPIC® QUICK & EASY Mounting system page 134
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

EPIC® H-BE 10 Crimp termination

- EPIC® H-B 10 Housings page 87
- EPIC® ULTRA H-B 10 page 78
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

EPIC® H-BE 10 Cage clamp

- EPIC® H-B 10 Housings page 87
- EPIC® ULTRA H-B 10 page 78
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

Suitable contacts:

EPIC® H-BE 10 Crimp termination

- EPIC® H-BE 2.5 machined contacts page 45

Suitable tools

EPIC® H-BE 10 Screw termination

- MULTICRIMP 6 crimping pliers
- Kraftform® adjustable torque screwdriver/ Kraftform Kompakt® Set
- Recommended crimping tool when conductor end sleeves are used MULTICRIMP 6

Technical data

Rated voltage in V

IEC: 500 V  
UL: 600 V  
CSA: 600 V

Rated impulse Voltage

6 kV

Rated current in A

IEC: 16 A  
UL: 16 A  
CSA: 16 A

Pollution degree

3

Contact resistance

EPIC® H-BE 10 Screw termination  
< 2 mOhm  
EPIC® H-BE 10 Crimp termination  
< 2 mOhm  
EPIC® H-BE 10 Cage clamp  
1.5 - 4 mOhm

Contacts

EPIC® H-BE 10 Screw termination  
Copper alloy, hard silver plated  
EPIC® H-BE 10 Crimp termination  
Copper alloy, hard silver / gold plated  
EPIC® H-BE 10 Cage clamp  
Copper alloy, hard silver plated

Number of contacts

10 + PE

Termination methods

EPIC® H-BE 10 Screw termination  
Screw termination: 0.5 - 2.5 mm<sup>2</sup>  
EPIC® H-BE 10 Crimp termination  
Crimp termination: 0.5 - 4.0 mm<sup>2</sup>  
EPIC® H-BE 10 Cage clamp  
Cage clamp termination: 0.5 - 2.5 mm<sup>2</sup>

Cycle of mechanical operation

100



Range of temperature

-40°C - +100°C, temporary up to +125°C



VDE tested

EPIC® H-BE 10 Screw termination  
VDE-REG.-No. 437  
EPIC® H-BE 10 Crimp termination  
VDE-REG.-No. 437

Benefits

- Standard inserts with screw, crimp and cage clamp termination
- The EPIC® H-BE series are suitable in applications that require a reliable connection working with high voltages and current

Application range

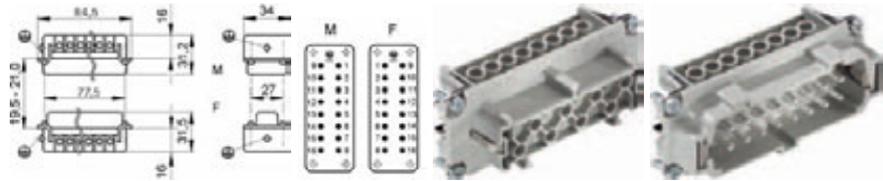
- Mechanical engineering
- Light & Sound technology
- Plastics industry

Part number	Part	Version	Wire protection	Article designation	Contacts	Pieces / PU
<b>H-BE 10 screw termination</b>						
10192000	H-BE 10 SS	male	yes		1 - 10	10
10193000	H-BE 10 BS	female	yes		1 - 10	10
10192100	H-BE 10 SS	male			1 - 10	10
10193100	H-BE 10 BS	female			1 - 10	10
<b>H-BE 10 crimp termination</b>						
10182000	H-BE 10 SCM	male		machined	1 - 10	10
10183000	H-BE 10 BCM	female		machined	1 - 10	10
<b>H-BE 10 cage clamp termination</b>						
10400100	H-BE 10 SF	male			1 - 10	10
10401100	H-BE 10 BF	female			1 - 10	10

Photographs are not to scale and do not represent detailed images of the respective products.



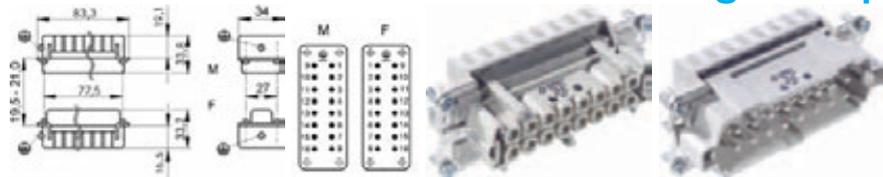
**EPIC® H-BE 16 Screw termination**



**EPIC® H-BE 16 Crimp termination**



**EPIC® H-BE 16 Cage clamp**



**Suitable housing:**

**EPIC® H-BE 16 Screw termination**

- EPIC® H-B 16 Housings page 100
- EPIC® ULTRA H-B 16 page 79
- EPIC® QUICK & EASY Mounting system page 134
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**EPIC® H-BE 16 Crimp termination**

- EPIC® H-B 16 Housings page 100
- EPIC® ULTRA H-B 16 page 79
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**EPIC® H-BE 16 Cage clamp**

- EPIC® H-B 16 Housings page 100
- EPIC® ULTRA H-B 16 page 79
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Suitable contacts:**

**EPIC® H-BE 16 Crimp termination**

- EPIC® H-BE 2.5 machined contacts page 45

**Suitable tools**

**EPIC® H-BE 16 Screw termination**

- MULTICRIMP 6 crimping pliers
- Kraftform® adjustable torque screwdriver/ Kraftform Kompakt® Set
- Recommended crimping tool when conductor end sleeves are used MULTICRIMP 6

**Technical data**

**Rated voltage in V**

IEC: 500 V  
UL: 600 V  
CSA: 600 V

**Rated impulse Voltage**

6 kV

**Rated current in A**

IEC: 16 A  
UL: 16 A  
CSA: 16 A

**Pollution degree**

3

**Contact resistance**

**EPIC® H-BE 16 Screw termination**  
< 2 mOhm

**EPIC® H-BE 16 Crimp termination**  
< 2 mOhm

**EPIC® H-BE 16 Cage clamp**  
1.5 - 4 mOhm

**Contacts**

**EPIC® H-BE 16 Screw termination**

Copper alloy, hard silver plated

**EPIC® H-BE 16 Crimp termination**

Copper alloy, hard silver / gold plated

**EPIC® H-BE 16 Cage clamp**

Copper alloy, hard silver plated

**Number of contacts**

16 + PE

**Termination methods**

**EPIC® H-BE 16 Screw termination**

Screw termination: 0.5 - 2.5 mm<sup>2</sup>

**EPIC® H-BE 16 Crimp termination**

Crimp termination: 0.5 - 4.0 mm<sup>2</sup>

**EPIC® H-BE 16 Cage clamp**

Cage clamp termination: 0.5 - 2.5 mm<sup>2</sup>

**Cycle of mechanical operation**

100



**Range of temperature**

-40°C - +100°C, temporary up to +125°C



**VDE tested**

**EPIC® H-BE 16 Screw termination**

VDE-REG.-No. 437

**EPIC® H-BE 16 Crimp termination**

VDE-REG.-No. 437

**Benefits**

- Standard inserts with screw, crimp and cage clamp termination
- The EPIC® H-BE series are suitable in applications that require a reliable connection working with high voltages and current

**Application range**

- Mechanical engineering
- Light & Sound technology
- Plastics industry

Part number	Part	Version	Wire protection	Article designation	Contacts	Pieces / PU
<b>H-BE 16 screw termination</b>						
10194000	H-BE 16 SS	male	yes		1-16	5
10195000	H-BE 16 BS	female	yes		1-16	5
10194100	H-BE 16 SS	male			1-16	5
10195100	H-BE 16 BS	female			1-16	5
<b>H-BE 16 crimp termination</b>						
10184000	H-BE 16 SCM	male		machined	1-16	5
10185000	H-BE 16 BCM	female		machined	1-16	5
<b>H-BE 16 cage clamp termination</b>						
10400200	H-BE 16 SF	male			1-16	5
10401200	H-BE 16 BF	female			1-16	5

Photographs are not to scale and do not represent detailed images of the respective products.

## EPIC® H-BE 24 Screw termination



## EPIC® H-BE 24 Crimp termination



## EPIC® H-BE 24 Cage clamp



### Suitable housing:

#### EPIC® H-BE 24 Screw termination

- EPIC® H-B 24 Housings page 114
- EPIC® ULTRA H-B 24 page 80
- EPIC® QUICK & EASY Mounting system page 134
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

#### EPIC® H-BE 24 Crimp termination

- EPIC® H-B 24 Housings page 114
- EPIC® ULTRA H-B 24 page 80
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

#### EPIC® H-BE 24 Cage clamp

- EPIC® H-B 24 Housings page 114
- EPIC® ULTRA H-B 24 page 80
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

### Suitable contacts:

#### EPIC® H-BE 24 Crimp termination

- EPIC® H-BE 2.5 machined contacts page 45

### Suitable tools

#### EPIC® H-BE 24 Screw termination

- MULTICRIMP 6 crimping pliers
- Kraftform® adjustable torque screwdriver/ Kraftform Kompakt® Set
- Recommended crimping tool when conductor end sleeves are used

### Technical data

#### Rated voltage in V

IEC: 500 V  
UL: 600 V  
CSA: 600 V

#### Rated impulse Voltage

6 kV

#### Rated current in A

IEC: 16 A  
UL: 16 A  
CSA: 16 A

#### Pollution degree

3

#### Contact resistance

EPIC® H-BE 24 Screw termination

< 2 mOhm

EPIC® H-BE 24 Crimp termination

< 2 mOhm

EPIC® H-BE 24 Cage clamp

1.5 - 4 mOhm

#### Contacts

EPIC® H-BE 24 Screw termination

Copper alloy, hard silver plated

EPIC® H-BE 24 Crimp termination

Copper alloy, hard silver / gold plated

EPIC® H-BE 24 Cage clamp

Copper alloy, hard silver plated

#### Number of contacts

24 + PE

#### Termination methods

EPIC® H-BE 24 Screw termination

Screw termination: 0.5 - 2.5 mm<sup>2</sup>

EPIC® H-BE 24 Crimp termination

Crimp termination: 0.5 - 4.0 mm<sup>2</sup>

EPIC® H-BE 24 Cage clamp

Cage clamp termination: 0.5 - 2.5 mm<sup>2</sup>

#### Cycle of mechanical operation

100



#### Range of temperature

-40°C - +100°C, temporary up to +125°C



#### VDE tested

EPIC® H-BE 24 Screw termination

VDE-REG.-No. 437

EPIC® H-BE 24 Crimp termination

VDE-REG.-No. 437

### Benefits

- Standard inserts with screw, crimp and cage clamp termination
- The EPIC® H-BE series are suitable in applications that require a reliable connection working with high voltages and current

### Application range

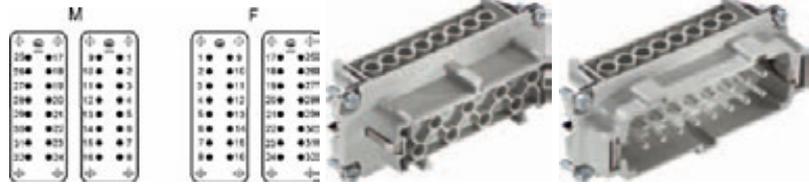
- Mechanical engineering
- Light & Sound technology
- Plastics industry

Part number	Part	Version	Wire protection	Article designation	Contacts	Pieces / PU
<b>H-BE 24 screw termination</b>						
10196000	H-BE 24 SS	male	yes		1 - 24	5
10197000	H-BE 24 BS	female	yes		1 - 24	5
10196100	H-BE 24 SS	male			1 - 24	5
10197100	H-BE 24 BS	female			1 - 24	5
<b>H-BE 24 crimp termination</b>						
10186000	H-BE 24 SCM	male		machined	1 - 24	5
10187000	H-BE 24 BCM	female		machined	1 - 24	5
<b>H-BE 24 cage clamp termination</b>						
10400300	H-BE 24 SF	male			1 - 24	5
10401300	H-BE 24 BF	female			1 - 24	5

Photographs are not to scale and do not represent detailed images of the respective products.



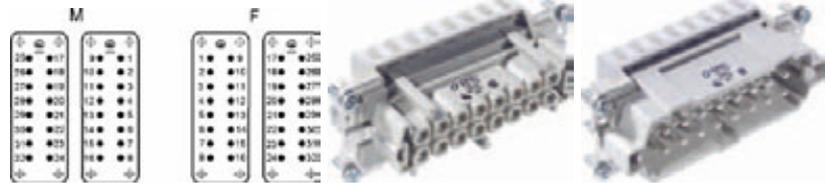
EPIC® H-BE 32 Screw termination



EPIC® H-BE 32 Crimp termination



EPIC® H-BE 32 Cage clamp



Suitable housing:

EPIC® H-BE 32 Screw termination

- EPIC® H-B 32 Housings page 128
- EPIC® QUICK & EASY Mounting system page 134
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

EPIC® H-BE 32 Crimp termination

- EPIC® H-B 32 Housings page 128
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

EPIC® H-BE 32 Cage clamp

- EPIC® H-B 32 Housings page 128
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

Suitable contacts:

EPIC® H-BE 32 Crimp termination

- EPIC® H-BE 2.5 machined contacts page 45

Benefits

- Standard inserts with screw, crimp and cage clamp termination
- The EPIC® H-BE series are suitable in applications that require a reliable connection working with high voltages and current

Technical data

Rated voltage in V

IEC: 500 V  
UL: 600 V  
CSA: 600 V

Rated impulse Voltage

6 kV

Rated current in A

IEC: 16 A  
UL: 16 A  
CSA: 16 A

Pollution degree

3

Contact resistance

EPIC® H-BE 32 Screw termination  
< 2 mOhm  
EPIC® H-BE 32 Crimp termination  
< 2 mOhm  
EPIC® H-BE 32 Cage clamp  
1.5 - 4 mOhm

Contacts

EPIC® H-BE 32 Screw termination  
Copper alloy, hard silver plated  
EPIC® H-BE 32 Crimp termination  
Copper alloy, hard silver / gold plated  
EPIC® H-BE 32 Cage clamp  
Copper alloy, hard silver plated

Number of contacts

16 + PE

Termination methods

EPIC® H-BE 32 Screw termination  
Screw termination: 0.5 - 2.5 mm<sup>2</sup>  
EPIC® H-BE 32 Crimp termination  
Crimp termination: 0.5 - 4.0 mm<sup>2</sup>  
EPIC® H-BE 32 Cage clamp  
Cage clamp termination: 0.5 - 2.5 mm<sup>2</sup>

Cycle of mechanical operation

100



Range of temperature

-40 °C - +100 °C, temporary up to +125 °C



VDE tested

EPIC® H-BE 32 Screw termination  
VDE-REG.-No. 437  
EPIC® H-BE 32 Crimp termination  
VDE-REG.-No. 437

Application range

- Mechanical engineering
- Light & Sound technology
- Plastics industry

Part number	Part	Version	Wire protection	Article designation	Contacts	Pieces / PU
<b>H-BE 32 screw termination</b>						
10202000	H-BE 16 SS	male	yes		17 - 32	5
10194000	H-BE 16 SS	male	yes		1-16	5
10203000	H-BE 16 BS	female	yes		17 - 32	5
10195000	H-BE 16 BS	female	yes		1-16	5
10202100	H-BE 16 SS	male			17 - 32	5
10194100	H-BE 16 SS	male			1-16	5
10203100	H-BE 16 BS	female			17 - 32	5
10195100	H-BE 16 BS	female			1-16	5
<b>H-BE 32 crimp termination</b>						
10184200	H-BE 16 SCM	male		machined	17 - 32	5
10184000	H-BE 16 SCM	male		machined	1-16	5
10185200	H-BE 16 BCM	female		machined	17 - 32	5
10185000	H-BE 16 BCM	female		machined	1-16	5
<b>H-BE 32 cage clamp termination</b>						
10400400	H-BE 16 SF	male			17 - 32	5
10400200	H-BE 16 SF	male			1-16	5
10401400	H-BE 16 BF	female			17 - 32	5
10401200	H-BE 16 BF	female			1-16	5

Photographs are not to scale and do not represent detailed images of the respective products.

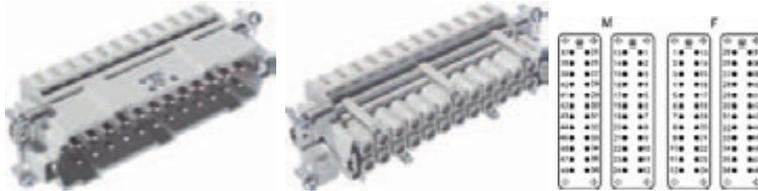
## EPIC® H-BE 48 Screw termination



## EPIC® H-BE 48 Crimp termination



## EPIC® H-BE 48 Cage clamp



### Suitable housing:

#### EPIC® H-BE 48 Screw termination

- EPIC® H-B 48 Housings page 131
- EPIC® QUICK & EASY Mounting system page 134
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

#### EPIC® H-BE 48 Crimp termination

- EPIC® H-B 48 Housings page 131
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

#### EPIC® H-BE 48 Cage clamp

- EPIC® H-B 48 Housings page 131
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

### Suitable contacts:

#### EPIC® H-BE 48 Crimp termination

- EPIC® H-BE 2.5 machined contacts page 45

### Benefits

- Standard inserts with screw, crimp and cage clamp termination
- The EPIC® H-BE series are suitable in applications that require a reliable connection working with high voltages and current

### Technical data

#### Rated voltage in V

IEC: 500 V  
UL: 600 V  
CSA: 600 V

#### Rated impulse Voltage

6 kV

#### Rated current in A

IEC: 16 A  
UL: 16 A  
CSA: 16 A

#### Pollution degree

3

#### Contact resistance

##### EPIC® H-BE 48 Screw termination

< 2 mOhm

##### EPIC® H-BE 48 Crimp termination

< 2 mOhm

##### EPIC® H-BE 48 Cage clamp

1.5 - 4 mOhm

#### Contacts

**EPIC® H-BE 48 Screw termination**  
Copper alloy, hard silver plated  
**EPIC® H-BE 48 Crimp termination**  
Copper alloy, hard silver / gold plated  
**EPIC® H-BE 48 Cage clamp**  
Copper alloy, hard silver plated

#### Number of contacts

24 + PE

#### Termination methods

**EPIC® H-BE 48 Screw termination**  
Screw termination: 0.5 - 2.5 mm<sup>2</sup>  
**EPIC® H-BE 48 Crimp termination**  
Crimp termination: 0.5 - 4.0 mm<sup>2</sup>  
**EPIC® H-BE 48 Cage clamp**  
Cage clamp termination: 0.5 - 2.5 mm<sup>2</sup>

#### Cycle of mechanical operation

100



#### Range of temperature

-40°C - +100°C, temporary up to +125°C



#### VDE tested

**EPIC® H-BE 48 Screw termination**  
VDE-REG.-No. 437  
**EPIC® H-BE 48 Crimp termination**  
VDE-REG.-No. 437

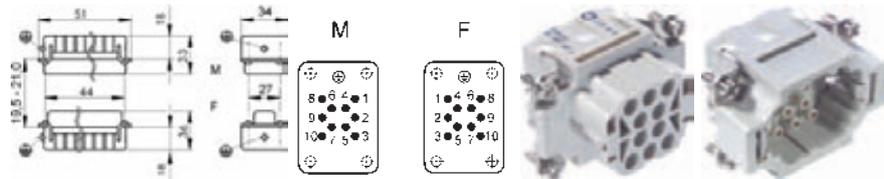
### Application range

- Mechanical engineering
- Light & Sound technology
- Plastics industry

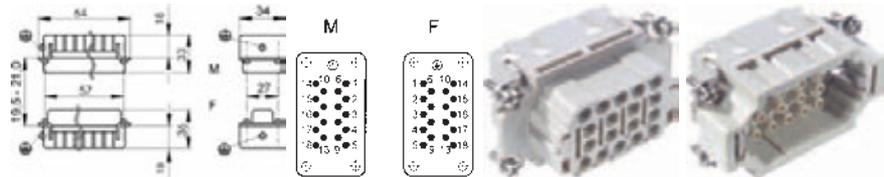
Part number	Part	Version	Wire protection	Article designation	Contacts	Pieces / PU
<b>H-BE 48 screw termination</b>						
10204000	H-BE 24 SS	male	yes		25 - 48	5
10196000	H-BE 24 SS	male	yes		1 - 24	5
10205000	H-BE 24 BS	female	yes		25 - 48	5
10197000	H-BE 24 BS	female	yes		1 - 24	5
10204100	H-BE 24 SS	male			25 - 48	5
10196100	H-BE 24 SS	male			1 - 24	5
10205100	H-BE 24 BS	female			25 - 48	5
10197100	H-BE 24 BS	female			1 - 24	5
<b>H-BE 48 crimp termination</b>						
10186200	H-BE 24 SCM	male		machined	25 - 48	5
10186000	H-BE 24 SCM	male		machined	1 - 24	5
10187200	H-BE 24 BCM	female		machined	25 - 48	5
10187000	H-BE 24 BCM	female		machined	1 - 24	5
<b>H-BE 48 cage clamp termination</b>						
10400500	H-BE 24 SF	male			25 - 48	5
10400300	H-BE 24 SF	male			1 - 24	5
10401500	H-BE 24 BF	female			25 - 48	5
10401300	H-BE 24 BF	female			1 - 24	5

Photographs are not to scale and do not represent detailed images of the respective products.

**EPIC® H-EE 10**



**EPIC® H-EE 18**



**Suitable housing:**

**EPIC® H-EE 10**

- EPIC® H-B 6 Housings page 81
- EPIC® ULTRA H-B 6 page 76
- EPIC® QUICK & EASY Mounting system page 134
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**EPIC® H-EE 18**

- EPIC® H-B 10 Housings page 87
- EPIC® ULTRA H-B 10 page 78
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**

**Rated voltage in V**

IEC: 500 V  
UL: 600 V  
CSA: 600 V

**Rated impulse Voltage**

6 kV

**Rated current in A**

IEC: 16 A  
UL: 16 A  
CSA: 16 A

**Pollution degree**

3

**Contact resistance**

< 2 mOhm

**Contacts**

Copper alloy, hard silver / gold plated

**Number of contacts**

**EPIC® H-EE 10**

10 + PE

**EPIC® H-EE 18**

18 + PE

**Termination methods**

Crimp termination: 0.5 - 4.0 mm<sup>2</sup>

**Cycle of mechanical operation**

100

**Range of temperature**

-40°C - +100°C, temporary up to +125°C



**Suitable contacts:**

- EPIC® H-BE 2.5 machined contacts page 45

**Benefits**

- The H-EE inserts with machined contacts for large numbers of poles in a confined space. For assembly in H-B housing.

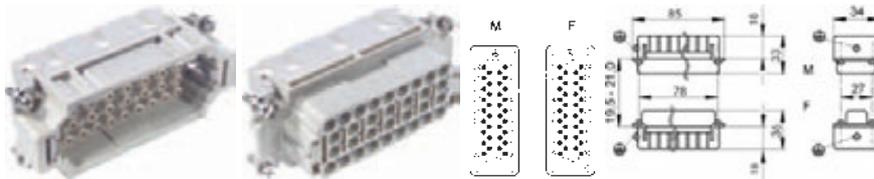
**Application range**

- Mechanical engineering

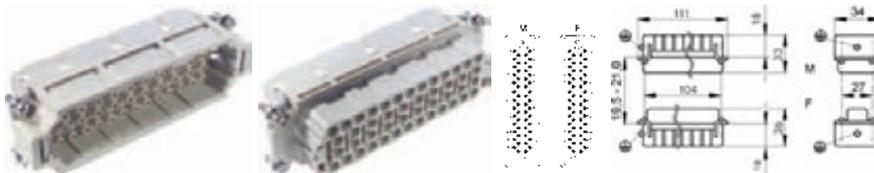
Part number	Part	Version	Article designation	Contacts	Pieces / PU
<b>H-EE 10 crimp termination</b>					
10180400	H-EE 10 SC	male	machined	1 - 10	10
10181400	H-EE 10 BC	female	machined	1 - 10	10
<b>H-EE 18 crimp termination</b>					
10182400	H-EE 18 SC	male	machined	1 - 18	10
10183400	H-EE 18 BC	female	machined	1 - 18	10

Photographs are not to scale and do not represent detailed images of the respective products.

## EPIC® H-EE 32



## EPIC® H-EE 46



### Suitable housing:

#### EPIC® H-EE 32

- EPIC® H-B 16 Housings page 100
- EPIC® ULTRA H-B 16 page 79
- EPIC® QUICK & EASY Mounting system page 134

#### EPIC® H-EE 46

- EPIC® H-B 24 Housings page 114
- EPIC® ULTRA H-B 24 page 80
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

### Suitable contacts:

- EPIC® H-BE 2.5 machined contacts page 45

### Benefits

- The H-EE inserts with machined contacts for large numbers of poles in a confined space. For assembly in H-B housing.

### Application range

- Mechanical engineering

### Technical data

#### Rated voltage in V

IEC: 500 V  
UL: 600 V  
CSA: 600 V

#### Rated impulse Voltage

6 kV

#### Rated current in A

IEC: 16 A  
UL: 16 A  
CSA: 16 A

#### Pollution degree

3

#### Contact resistance

< 2 mOhm

#### Contacts

Copper alloy, hard silver / gold plated

#### Number of contacts

EPIC® H-EE 32

32 + PE

EPIC® H-EE 46

46 + PE

#### Termination methods

Crimp termination: 0.5 - 4.0 mm<sup>2</sup>

#### Cycle of mechanical operation

100



#### Range of temperature

-40°C - +100°C, temporary up to +125°C

Part number	Part	Version	Article designation	Contacts	Pieces / PU
<b>H-EE 32 crimp termination</b>					
10184400	H-EE 32 SC	male	machined	1 - 32	5
10185400	H-EE 32 BC	female	machined	1 - 32	5
<b>H-EE 46 crimp termination</b>					
10186400	H-EE 46 SC	male	machined	1 - 46	5
10187400	H-EE 46 BC	female	machined	1 - 46	5

Photographs are not to scale and do not represent detailed images of the respective products.

**EPIC® H-EE 64**



**EPIC® H-EE 92**



**Suitable housing:**

**EPIC® H-EE 64**

- EPIC® H-B 32 Housings page 128
- EPIC® QUICK & EASY Mounting system page 134
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**EPIC® H-EE 92**

- EPIC® H-B 48 Housings page 131
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Suitable contacts:**

- EPIC® H-BE 2.5 machined contacts page 45

**Benefits**

- The H-EE inserts with machined contacts for large numbers of poles in a confined space. For assembly in H-B housing.

**Application range**

- Mechanical engineering

**Technical data**

**Rated voltage in V**

IEC: 500 V  
UL: 600 V  
CSA: 600 V

**Rated impulse Voltage**

6 kV

**Rated current in A**

IEC: 16 A  
UL: 16 A  
CSA: 16 A

**Pollution degree**

3

**Contact resistance**

< 2 mOhm

**Contacts**

Copper alloy, hard silver / gold plated

**Number of contacts**

**EPIC® H-EE 64**

32 + PE

**EPIC® H-EE 92**

46 + PE

**Termination methods**

Crimp termination: 0.5 - 4.0 mm<sup>2</sup>

**Cycle of mechanical operation**

100

**Range of temperature**

-40 °C - +100 °C, temporary up to +125 °C



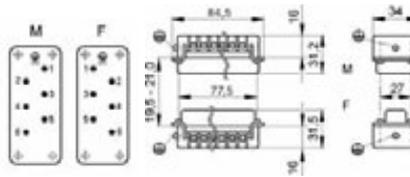
Part number	Part	Version	Article designation	Contacts	Pieces / PU
<b>H-EE 32 crimp termination</b>					
10184400	H-EE 32 SC	male	machined	1 - 32	5
10185400	H-EE 32 BC	female	machined	1 - 32	5
<b>H-EE 64 crimp termination</b>					
10184500	H-EE 32 SC	male	machined	33 - 64	5
10185500	H-EE 32 BC	female	machined	33 - 64	5
<b>H-EE 46 crimp termination</b>					
10187400	H-EE 46 BC	female	machined	1 - 46	5
10186400	H-EE 46 SC	male	machined	1 - 46	5
<b>H-EE 92 crimp termination</b>					
10186500	H-EE 46 SC	male	machined	47 - 92	5
10187500	H-EE 46 BC	female	machined	47 - 92	5

Photographs are not to scale and do not represent detailed images of the respective products.

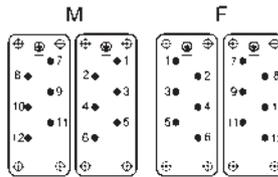
Rectangular connectors

EPIC® H-BS Inserts

EPIC® H-BS 6



EPIC® H-BS 12



Suitable housing:

EPIC® H-BS 6

- EPIC® H-B 16 Housings page 100
- EPIC® ULTRA H-B 16 page 79
- EPIC® QUICK & EASY Mounting system page 134
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

EPIC® H-BS 12

- EPIC® H-B 32 Housings page 128
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

Benefits

EPIC® H-BS 6

- For current strengths up to 35A
- With screw termination up to a cross-sectional of 6 mm<sup>2</sup>

EPIC® H-BS 12

- For current strengths up to 35A
- With screw termination up to a cross-sectional of 6 mm<sup>2</sup>
- Two H-BS 6 inserts with different contact numbering for one housing.

Application range

- Plant engineering

Suitable tools

- Kraftform® adjustable torque screwdriver/ Kraftform Kompakt® Set

Technical data

Rated voltage in V

IEC: 500 V  
 UL: 600 V  
 CSA: 600 V  
 Phase - Phase: 690V

Rated impulse Voltage

6 kV

Rated current in A

IEC: 35 A  
 UL: 35 A  
 CSA: 35 A

Pollution degree

3

Contact resistance

< 2 mOhm

Contacts

Copper alloy, hard silver plated

Number of contacts

EPIC® H-BS 6

6 + PE

EPIC® H-BS 12

12 + PE

Termination methods

Screw connection: 0.5 - 6 mm<sup>2</sup>

Cycle of mechanical operation

100



Range of temperature

-40°C - +100°C, temporary up to +125°C

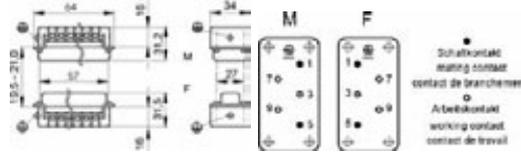


VDE tested

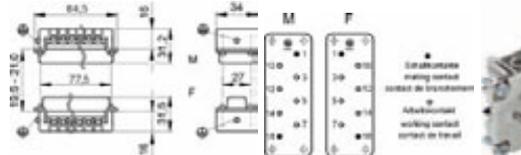
VDE-REG.-No. 437

Part number	Part	Version	Wire protection	Contacts	Pieces / PU
<b>H-BS 6 screw termination</b>					
10170000	H-BS 6 SS	male	yes	1 - 6	5
10171000	H-BS 6 BS	female	yes	1 - 6	5
<b>H-BS 12 screw termination</b>					
10170600	H-BS 6 SS	male	yes	7 - 12	5
10171600	H-BS 6 BS	female	yes	7 - 12	5

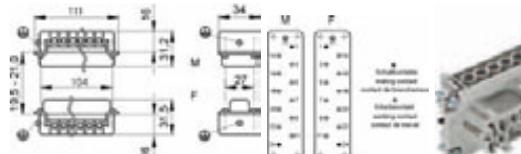
Photographs are not to scale and do not represent detailed images of the respective products.



**EPIC® H-BVE 3**



**EPIC® H-BVE 6**



**EPIC® H-BVE 10**

**Suitable housing:**

**EPIC® H-BVE 3**

- EPIC® H-B 10 Housings page 87
- EPIC® ULTRA H-B 10 page 78
- EPIC® QUICK & EASY Mounting system page 134
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**EPIC® H-BVE 6**

- EPIC® H-B 16 Housings page 100
- EPIC® ULTRA H-B 16 page 79
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**EPIC® H-BVE 10**

- EPIC® H-B 24 Housings page 114
- EPIC® ULTRA H-B 24 page 80
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**

**Rated voltage in V**

IEC: 630 V  
UL: 600 V  
CSA: 600V

**Rated impulse Voltage**

6 kV

**Rated current in A**

IEC: 16 A  
UL: 16 A  
CSA: 16 A

**Pollution degree**

3

**Contact resistance**

< 2 mOhm

**Contacts**

Copper alloy, hard silver plated

**Number of contacts**

**EPIC® H-BVE 3**

3 + 2 + PE

**EPIC® H-BVE 6**

6 + 2 + PE

**EPIC® H-BVE 10**

10 + 2 + PE

**Termination methods**

Screw termination: 0.5 - 2.5 mm<sup>2</sup>

**Cycle of mechanical operation**

100

**Range of temperature**

-40°C - +100°C, temporary up to +125°C



**VDE tested**

VDE-REG.-No. 437

**Application range**

- Plant engineering

**Benefits**

- These high-voltage inserts are additionally equipped with 2 switching contacts.
- The lagging switch contacts interrupt the power supply before the working contacts are separated

**Suitable tools**

- Kraftform® adjustable torque screwdriver/ Kraftform Kompakt® Set

Part number	Part	Version	Wire protection	Contacts	Pieces / PU
<b>H-BVE 3 screw termination</b>					
10210010	H-BVE 3 SS	male	yes	3 + 2	10
10211010	H-BVE 3 BS	female	yes	3 + 2	10
10210110	H-BVE 3 SS	male		3 + 2	10
10211110	H-BVE 3 BS	female		3 + 2	10
<b>H-BVE 6 screw termination</b>					
10239010	H-BVE 6 SS	male	yes	6 + 2	5
10240010	H-BVE 6 BS	female	yes	6 + 2	5
10239110	H-BVE 6 SS	male		6 + 2	5
10240110	H-BVE 6 BS	female		6 + 2	5
<b>H-BVE 10 screw termination</b>					
10270010	H-BVE 10 SS	male	yes	10 + 2	5
10271010	H-BVE 10 BS	female	yes	10 + 2	5
10270110	H-BVE 10 SS	male		10 + 2	5
10271110	H-BVE 10 BS	female		10 + 2	5

Photographs are not to scale and do not represent detailed images of the respective products.

Rectangular connectors

EPIC® TB-H-BE Terminal adapter

EPIC® TB-H-BE 16



EPIC® TB-H-BE 24



Suitable housing:

EPIC® TB-H-BE 16

- EPIC® ULTRA H-B 16 TS QB page 79
- EPIC® ULTRA H-B 16 AG QB page 79
- EPIC® H-B 16 AG-LB page 105
- EPIC® H-B 16 AD-LB page 105
- EPIC® H-B 16 AG page 105
- EPIC® H-B 16 AD-BO page 106
- EPIC® H-B 16 AG-ZR

EPIC® TB-H-BE 24

- EPIC® ULTRA H-B 24 AG QB page 80
- EPIC® H-B 24 AG-LB page 119
- EPIC® H-B 24 AD-LB page 119
- EPIC® H-B 24 AG page 119
- EPIC® H-B 24 AD-BO page 119
- EPIC® H-B 24 AG-ZR

Benefits

- Standard inserts H-BE in use with control cabinets
- Pluggable with H-BE male inserts in hoods
- Fixing sidely = "left": By mounting on the left wall of a control cabinet, the PE-screw and the pin "1" of the connector are on the top side

Application range

- Plant engineering

Technical data

Rated voltage in V

IEC: 500 V  
UL: 600 V  
CSA: 600 V

Rated impulse Voltage

6 kV

Rated current in A

IEC: 16 A  
UL: 16 A  
CSA: 16 A

Pollution degree

3

Contacts

Copper alloy, hard silver plated

Number of contacts

EPIC® TB-H-BE 16  
16 + PE  
EPIC® TB-H-BE 24  
24 + PE

Termination methods

Screw connection: 0.5 - 4 mm<sup>2</sup>

Cycle of mechanical operation

200



Range of temperature

-40°C - +100°C, temporary up to +125°C

Part number	Part	Version	Fixing sidely	Contacts	Pieces / PU
<b>Terminal adapter 16-pole</b>					
70315100	TB-H-BE 16 BRE	female	right	1 - 16	10
70314100	TB-H-BE 16 BLI	female	left	1 - 16	10
<b>Terminal adapter 24-pole</b>					
70317100	TB-H-BE 24 BRE	female	right	1 - 24	10
70316100	TB-H-BE 24 BLI	female	left	1 - 24	10

Photographs are not to scale and do not represent detailed images of the respective products.



Info

- Power and Signal modules can be used together in one housing



Info

- Power and Signal modules can be used together in one housing



Info

- Power and Signal modules can be used together in one housing

Suitable housing:

EPIC® MC Module: High Current 1+PE

- EPIC® MCR Frames page 40
- High version housing type
- Suitable connector housings depending on the used modular frame

EPIC® MC Module: High Current 2pole

- High version housing type
- Suitable connector housings depending on the used modular frame

EPIC® MC Module: High Voltage 3pole

- EPIC® MC 3.6 machined contacts page 49
- Suitable connector housings depending on the used modular frame

Suitable contacts:

EPIC® MC Module: High Voltage 3pole

- EPIC® MC 3.6 machined contacts page 49

Suitable tools

EPIC® MC Module: High Current 1+PE

- PEW 12 universal tool
- When harnessing 25mm<sup>2</sup> cables, please use the special crimping die (11147500) for the end sleeves

EPIC® MC Module: High Current 2pole

- PEW 12 universal tool
- When harnessing 25mm<sup>2</sup> cables, please use the special crimping die (11147500) for the end sleeves

EPIC® MC Module: High Current 1+PE



EPIC® MC Module: High Current 2pole



EPIC® MC Module: High Voltage 3pole



Technical data

Rated voltage in V

EPIC® MC Module: High Current 1+PE

IEC: 1000 V

UL: 600 V

CSA: 600 V

EPIC® MC Module: High Current 2pole

IEC: 1000 V

UL: 600 V

CSA: 600 V

EPIC® MC Module: High Voltage 3pole

1000 V

Rated current in A

EPIC® MC Module: High Current 1+PE

82 A

EPIC® MC Module: High Current 2pole

82 A

EPIC® MC Module: High Voltage 3pole

50 A

Pollution degree

3

Contact resistance

< 2 mOhm

Contacts

Copper alloy, hard silver plated

Number of contacts

EPIC® MC Module: High Current 1+PE

1 + PE

EPIC® MC Module: High Current 2pole

2

EPIC® MC Module: High Voltage 3pole

3

Termination methods

EPIC® MC Module: High Current 1+PE

Screw connection: 10.0 - 25.0 mm<sup>2</sup>

EPIC® MC Module: High Current 2pole

Screw connection: 10.0 - 25.0 mm<sup>2</sup>

EPIC® MC Module: High Voltage 3pole

Crimp termination: 1.5 - 10.0 mm<sup>2</sup>

Cycle of mechanical operation

100



Range of temperature

-40°C - +100°C, temporary up to +125°C



VDE tested

EPIC® MC Module: High Current 1+PE

VDE-REG.-No. 870

EPIC® MC Module: High Current 2pole

VDE-REG.-No. 870

Benefits

- Mixed assembly guarantees a high flexibility
- Assemble special connectors suitable for your specific applications

Application range

- Plant engineering
- Printing machines
- Control engineering

Part number	Part	Version	Contacts	Pieces / PU
<b>Module: High Current 1 + PE (occupies 2 slots in the MCR frame)</b>				
10344600	MCS-HC 1+PE	male	1 + PE	5
10345600	MCB-HC 1+PE	female	1 + PE	5
<b>Module: High Current 2 pole (occupies 2 slots in the MCR frame)</b>				
10344100	MCS-HC 2	male	2	5
10345100	MCB-HC 2	female	2	5
<b>Module: High Voltage 3 pole</b>				
10399800	MCS 3 CM-HV	male	3	10
10399900	MCB 3 CM-HV	female	3	10

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

- EPIC® MC Module removal tool see page 39
- EPIC® MCR Frames see page 40

## EPIC® MC Module: High Voltage 4+PE



**Info**

- Power and Signal modules can be used together in one housing

## EPIC® MC Module: 3pole



**Info**

- Power and Signal modules can be used together in one housing

## EPIC® MC Module: HE 4pole



**Info**

- Power and Signal modules can be used together in one housing

### Suitable housing:

#### EPIC® MC Module: High Voltage 4+PE

- EPIC® MC 2.5 stamped contacts page 47
- EPIC® MC 2.5 stamped contacts-on-reel page 48
- EPIC® MCR Frames page 40

#### EPIC® MC Module: 3pole

- EPIC® MC 3.6 machined contacts page 49

#### EPIC® MC Module: HE 4pole

- EPIC® H-BE 2.5 machined contacts page 45
- Suitable connector housings depending on the used modular frame

### Suitable contacts:

#### EPIC® MC Module: High Voltage 4+PE

- EPIC® MC 2.5 stamped contacts page 47
- EPIC® MC 2.5 stamped contacts-on-reel page 48

#### EPIC® MC Module: 3pole

- EPIC® MC 3.6 machined contacts page 49

#### EPIC® MC Module: HE 4pole

- EPIC® H-BE 2.5 machined contacts page 45

### Technical data

**Rated voltage in V**  
 EPIC® MC Module: High Voltage 4+PE  
 1000 V  
 EPIC® MC Module: 3pole  
 630 V  
 EPIC® MC Module: HE 4pole  
 630 V

**Rated current in A**  
 EPIC® MC Module: High Voltage 4+PE  
 16 A  
 EPIC® MC Module: 3pole  
 40 A  
 EPIC® MC Module: HE 4pole  
 25 A

**Pollution degree**  
 3

**Contact resistance**  
 < 2 mOhm

**Contacts**  
 Copper alloy, hard silver plated

**Number of contacts**  
 EPIC® MC Module: High Voltage 4+PE  
 4 + PE  
 EPIC® MC Module: 3pole  
 3  
 EPIC® MC Module: HE 4pole  
 4

**Termination methods**  
 EPIC® MC Module: High Voltage 4+PE  
 Crimp termination: 0.5 - 2.5 mm<sup>2</sup>  
 EPIC® MC Module: 3pole  
 Crimp termination: 1.5 - 10.0 mm<sup>2</sup>  
 EPIC® MC Module: HE 4pole  
 Crimp termination: 0.5 - 4.0 mm<sup>2</sup>

**Cycle of mechanical operation**  
 100



**Range of temperature**  
 -40°C - +100°C, temporary up to +125°C

### Benefits

- Mixed assembly guarantees a high flexibility
- Assemble special connectors suitable for your specific applications

### Application range

- Plant engineering
- Printing machines
- Control engineering

Part number	Part	Version	Contacts	Pieces / PU
<b>Module: High Voltage 4 + PE</b>				
10383200	MCS 5 CG	male	4 + PE	10
10383300	MCB 5 CG	female	4 + PE	10
<b>Module: 3 pole</b>				
10382000	MCS 3 CM	male	3	10
10382100	MCB 3 CM	female	3	10
<b>Module: 4 pole HE</b>				
10399000	MCS 4 CM	male	4	10
10399100	MCB 4 CM	female	4	10

Photographs are not to scale and do not represent detailed images of the respective products.

### Accessories

- EPIC® MC Module removal tool see page 39
- EPIC® MCR Frames see page 40



Info

- Power and Signal modules can be used together in one housing



Info

- Power and Signal modules can be used together in one housing



Info

- Power and Signal modules can be used together in one housing

**Suitable housing:**

**EPIC® MC Module: Cage clamp 4pole**

- EPIC® MCR Frames page 40

**EPIC® MC Module: 5pole**

- EPIC® MC 2.5 machined contacts page 46

**EPIC® MC Module: 10pole**

- EPIC® H-D 1.6 machined contacts page 42
- Suitable connector housings depending on the used modular frame

**Suitable contacts:**

**EPIC® MC Module: 5pole**

- EPIC® MC 2.5 machined contacts page 46

**EPIC® MC Module: 10pole**

- EPIC® H-D 1.6 machined contacts page 42

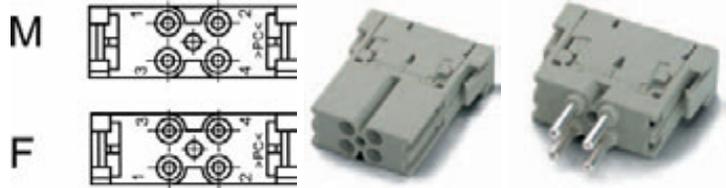
**Benefits**

- Mixed assembly guarantees a high flexibility
- Assemble special connectors suitable for your specific applications

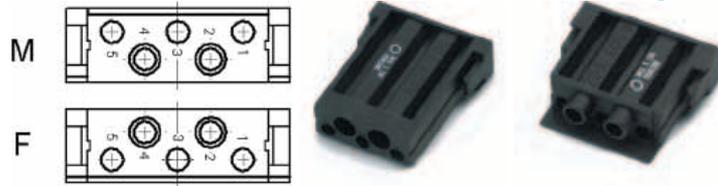
**Application range**

- Plant engineering
- Printing machines
- Control engineering

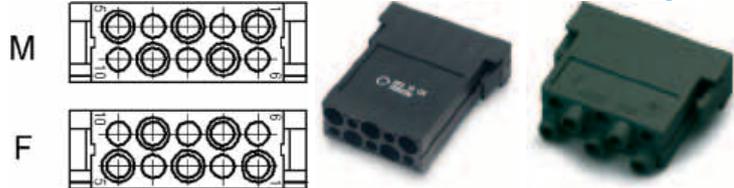
**EPIC® MC Module: Cage clamp 4pole**



**EPIC® MC Module: 5pole**



**EPIC® MC Module: 10pole**



**Technical data**

**Rated voltage in V**

EPIC® MC Module: Cage clamp 4pole  
400 V

EPIC® MC Module: 5pole  
400 V

EPIC® MC Module: 10pole  
250 V

**Rated current in A**

EPIC® MC Module: Cage clamp 4pole  
14 A

EPIC® MC Module: 5pole  
20 A

EPIC® MC Module: 10pole  
max. 10 A

**Pollution degree**

3

**Contact resistance**

EPIC® MC Module: Cage clamp 4pole  
1.5 - 4 mOhm

EPIC® MC Module: 5pole  
< 2 mOhm

EPIC® MC Module: 10pole  
< 2 mOhm

**Contacts**

EPIC® MC Module: Cage clamp 4pole

Copper alloy, hard silver plated

EPIC® MC Module: 5pole

Copper alloy, hard silver plated

EPIC® MC Module: 10pole

Copper alloy, hard silver / gold plated

**Number of contacts**

EPIC® MC Module: Cage clamp 4pole  
4

EPIC® MC Module: 5pole  
5

EPIC® MC Module: 10pole  
10

**Termination methods**

EPIC® MC Module: Cage clamp 4pole

Cage clamp termination: 0.5 - 2.5 mm<sup>2</sup>

EPIC® MC Module: 5pole

Crimp termination: 0.5 - 4.0 mm<sup>2</sup>

EPIC® MC Module: 10pole

Crimp termination: 0.14 - 2.5 mm<sup>2</sup>

**Cycle of mechanical operation**

100



**Range of temperature**

-40 °C - +100 °C, temporary up to +125 °C

Part number	Part	Version	Contacts	Pieces / PU
<b>Module: 4 pole cage clamp</b>				
10399600	MCS 4 F	male	4	10
10399700	MCB 4 F	female	4	10
<b>Module: 5 pole</b>				
10382200	MCS 5 CM	male	5	10
10382300	MCB 5 CM	female	5	10
<b>Module: 10 pole</b>				
10382400	MCS 10 CM	male	10	10
10382500	MCB 10 CM	female	10	10

Photographs are not to scale and do not represent detailed images of the respective products.

**Accessories**

- EPIC® MC Module removal tool see page 39
- EPIC® MCR Frames see page 40

Rectangular connectors

EPIC® MC Modules

EPIC® MC Module: 10pole stamped



**Info**

- Power and Signal modules can be used together in one housing

EPIC® MC Module: 20pole



**Info**

- Power and Signal modules can be used together in one housing

EPIC® MC Dummy Module



**Suitable housing:**

**EPIC® MC Module: 10pole stamped**

- EPIC® H-D 1.6 stamped contacts page 43
- EPIC® H-D 1.6 stamped contacts-on-reel page 44
- EPIC® MCR Frames page 40

**EPIC® MC Module: 20pole**

- EPIC® M-D 1.0 D-Sub stamped contacts-on-reel page 41
- Suitable connector housings depending on the used modular frame

**Suitable contacts:**

**EPIC® MC Module: 10pole stamped**

- EPIC® H-D 1.6 stamped contacts page 43
- EPIC® H-D 1.6 stamped contacts-on-reel page 44

**EPIC® MC Module: 20pole**

- EPIC® M-D 1.0 D-Sub stamped contacts-on-reel page 41

**Benefits**

**EPIC® MC Module: 10pole stamped**

- Mixed assembly guarantees a high flexibility
- Assamble special connectors suitable for your specific applications

**EPIC® MC Module: 20pole**

- Mixed assembly guarantees a high flexibility
- Assamble special connectors suitable for your specific applications

**Technical data**

**Rated voltage in V**  
**EPIC® MC Module: 10pole stamped**  
 250 V  
**EPIC® MC Module: 20pole**  
 100 V

**Rated current in A**  
**EPIC® MC Module: 10pole stamped**  
 max. 10 A  
**EPIC® MC Module: 20pole**  
 4 A

**Pollution degree**  
**EPIC® MC Module: 10pole stamped**  
 3  
**EPIC® MC Module: 20pole**  
 3

**Contact resistance**  
**EPIC® MC Module: 10pole stamped**  
 < 2 mOhm

**Contacts**  
**EPIC® MC Module: 10pole stamped**  
 Copper alloy, hard silver / gold plated  
**EPIC® MC Module: 20pole**  
 Copper alloy, gold plated

**Number of contacts**  
**EPIC® MC Module: 10pole stamped**  
 10  
**EPIC® MC Module: 20pole**  
 20

**Termination methods**  
**EPIC® MC Module: 10pole stamped**  
 Crimp termination: 0.14 - 2.5 mm<sup>2</sup>  
**EPIC® MC Module: 20pole**  
 Crimpanschluss: 0,08 - 0,56 mm<sup>2</sup>

**Cycle of mechanical operation**  
**EPIC® MC Module: 10pole stamped**  
 100  
**EPIC® MC Module: 20pole**  
 50

**Range of temperature**  
 -40°C - +100°C, temporary up to +125°C

**EPIC® MC Dummy Module**

- Mixed assembly guarantees a high flexibility
- Assamble special connectors suitable for your specific applications
- Dummy as a placeholder for future enhancement

**Application range**

- Plant engineering
- Printing machines
- Control engineering

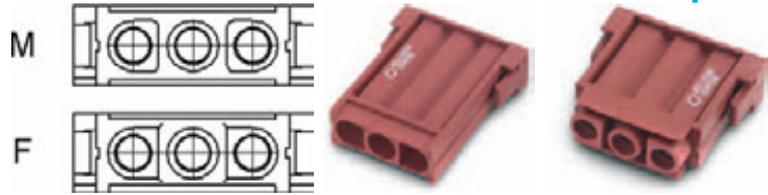
Part number	Part	Version	Contacts	Pieces / PU
<b>Module: 10 pole</b>				
10383400	MCS 10 CG	male	10	10
10383500	MCB 10 CG	female	10	10
<b>Module: 20 pole</b>				
10383600	MCS 20 CG	male	20	10
10383700	MCB 20 CG	female	20	10
<b>Dummy module</b>				
10399400	MCS 0 Blind	male	0	10
10399500	MCB 0 Blind	female	0	10

Photographs are not to scale and do not represent detailed images of the respective products.

**Accessories**

- EPIC® MC Module removal tool see page 39
- EPIC® MCR Frames see page 40

**EPIC® MC Module: Koax 3pole**



**Info**

- New: 750hm contacts



**EPIC® MC Module: PROFIBUS DP**



**Info**

- Power and Signal modules can be used together in one housing



**EPIC® MC Module: Universal Bus**



**Info**

- Power and Signal modules can be used together in one housing

**Suitable housing:**

**EPIC® MC Module: Koax 3pole**

- EPIC® MC Coax-Contacts page 50
- EPIC® MCR Frames page 40
- High version housing type
- Suitable connector housings depending on the used modular frame

**Suitable contacts:**

**EPIC® MC Module: Koax 3pole**

- EPIC® MC Coax-Contacts page 50

**Benefits**

- Mixed assembly guarantees a high flexibility
- Assamble special connectors suitable for your specific applications

**Application range**

**EPIC® MC Module: Koax 3pole**

- Plant engineering
- Light & Sound technology
- Control engineering

**EPIC® MC Module: PROFIBUS DP**

- Plant engineering
- Control engineering

**EPIC® MC Module: Universal Bus**

- Plant engineering
- Control engineering

**Technical data**

**Rated voltage in V**

EPIC® MC Module: Koax 3pole  
250 V

EPIC® MC Module: PROFIBUS DP  
30 V

EPIC® MC Module: Universal Bus  
30 V

**Rated current in A**

EPIC® MC Module: PROFIBUS DP  
1 A

EPIC® MC Module: Universal Bus  
1 A

**Pollution degree**

3

**Contact resistance**

EPIC® MC Module: Koax 3pole  
< 2,7 mOhm

**Contacts**

Copper alloy, gold plated

**Number of contacts**

EPIC® MC Module: Koax 3pole  
3

EPIC® MC Module: PROFIBUS DP  
2 / 4 + shield

EPIC® MC Module: Universal Bus  
4 + shield

**Termination methods**

EPIC® MC Module: Koax 3pole  
Solder termination: div. Coax-cables

EPIC® MC Module: PROFIBUS DP  
Screw termination: for Profibus-cable

EPIC® MC Module: Universal Bus  
Screw termination: 0.08 - 1.5 mm<sup>2</sup>

**Cycle of mechanical operation**

100



**Range of temperature**

EPIC® MC Module: Koax 3pole

-40 °C - +100 °C, temporary up to +125 °C

EPIC® MC Module: PROFIBUS DP

-20 °C - +85 °C

EPIC® MC Module: Universal Bus

-20 °C - +85 °C

Part number	Part	Version	Contacts	Pieces / PU
<b>Module: 3 pole coax</b>				
10399200	MCS 3 coax	male	3	10
10399300	MCB 3 coax	female	3	10
<b>Module: Profibus DP</b>				
10390400	MCS 2 SS	male	2 + shield	5
10390500	MCS 2 BS	female	2 + shield	5
<b>Module: Universal Bus</b>				
10390600	MCS 4 SS	male	4 + shield	5
10390700	MCS 4 BS	female	4 + shield	5

Photographs are not to scale and do not represent detailed images of the respective products.

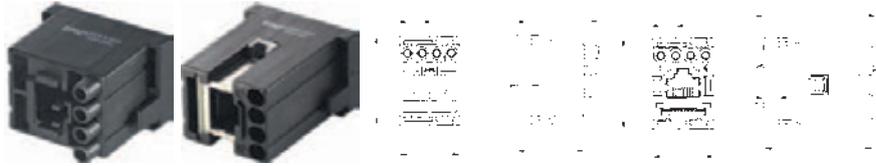
**Accessories**

- EPIC® MC Module removal tool see page 39
- EPIC® MCR Frames see page 40

Rectangular connectors

EPIC® MC Modules

## EPIC® MC Module: RJ45



**Info**

- Power and Signal modules can be used together in one housing

**Suitable housing:**

- EPIC® MCR Frames page 40
- High version housing type
- Suitable connector housings depending on the used modular frame

**Suitable contacts:**

- EPIC® H-D 1.6 machined contacts page 42

**Benefits**

- Mixed assembly guarantees a high flexibility
- Assemble special connectors suitable for your specific applications

**Application range**

- Plant engineering
- Control engineering

**Technical data**

**Rated voltage in V**  
max. 600V / max. 125V

**Rated current in A**  
max. 10 A / max. 1,5 A

**Pollution degree**  
3

**Contacts**  
Copper alloy, gold plated

**Number of contacts**  
4 Power + 8 Data

**Termination methods**  
Power: Crimp termination: 0.14 - 2.5 mm<sup>2</sup>,  
Data: IDC/piercing termination: Cat5, AWG 24-26

**Cycle of mechanical operation**  
100



**Range of temperature**  
-20 °C - +85 °C

Part number	Part	Version	Contacts	Pieces / PU
<b>Module: RJ 45 (occupies 2 slots in the frame)</b>				
10344300	MCS 8 RJ45	male	4 + 8	5
10345300	MCB 8 RJ45	female	4 + 8	5

Photographs are not to scale and do not represent detailed images of the respective products.

**Accessories**

- EPIC® MC Module removal tool see page 39
- EPIC® MCR Frames see page 40

## EPIC® CE6326 Connector RJ45



**Suitable housing:**

- EPIC® MCR Frames page 40

**Benefits**

- RJ45 connector for use in the module MCS 8 RJ45

**Application range**

- Plant engineering
- Control engineering

**Suitable tools**

- Crimping tool RJ45 Stewart see page [P101171]
- Use crimping tool type CE5092

**Technical data**

**Rated voltage in V**  
max. 125V

**Rated current in A**  
max. 1,5 A

**Pollution degree**  
3

**Contacts**  
Copper alloy, gold plated

**Number of contacts**  
8

**Termination methods**  
IDC / piercing termination:  
Cat5, AWG 24-26

**Cycle of mechanical operation**  
100



**Range of temperature**  
-20 °C - +85 °C

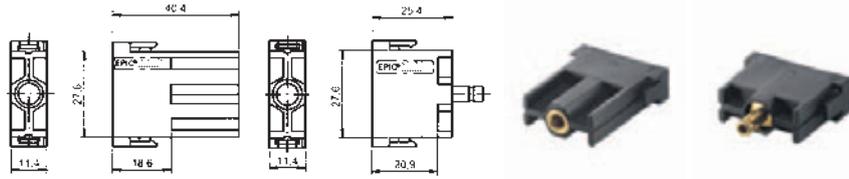
Part number	Part	Version	Contacts	Pieces / PU
<b>RJ45 connector for MCS 8 RJ45</b>				
CE6326	CE6326	male	8	10

Photographs are not to scale and do not represent detailed images of the respective products.

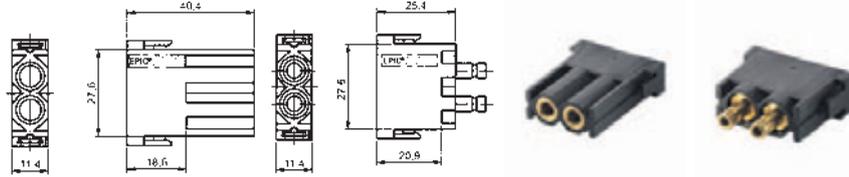
**Accessories**

- EPIC® MCR Frames see page 40

## EPIC® MC Module Pneumatic 1pole



## EPIC® MC Module Pneumatic 2pole



### Suitable housing:

#### EPIC® MC Module Pneumatic 1pole

- EPIC® MCR Frames page 40
- High version housing type
- Suitable connector housings depending on the used modular frame

### Benefits

- Mixed assembly guarantees a high flexibility
- Assemble special connectors suitable for your specific applications

### Application range

- Plant engineering
- Printing machines
- Control engineering

### Technical data

#### Contacts

Brass

#### Number of contacts

EPIC® MC Module Pneumatic 1pole

1

EPIC® MC Module Pneumatic 2pole

2

#### Termination methods

Push-in termination: for hose with inner diameter 2,5 mm / 4,0 mm

#### Cycle of mechanical operation

100

#### Range of temperature

-20 °C - +100 °C



Part number	Part	Version	Contacts	Pressure max. bar	Pieces / PU
<b>Module: Pneumatik 1pole</b>					
44424004	MCS 1x2,5 PNEU (10)	male	1	10	10
44424005	MCB 1x2,5 PNEU (10)	female with valve	1	10	10
44424006	MCS 1x4,0 PNEU (10)	male	1	10	10
44424007	MCB 1x4,0 PNEU (10)	female with valve	1	10	10
<b>Module: Pneumatik 2pole</b>					
44424008	MCS 2x2,5 PNEU (10)	male	2	10	10
44424009	MCB 2x2,5 PNEU (10)	female with valve	2	10	10
44424010	MCS 2x4,0 PNEU (10)	male	2	10	10
44424011	MCB 2x4,0 PNEU (10)	female with valve	2	10	10

Photographs are not to scale and do not represent detailed images of the respective products.

### Accessories

- EPIC® MC Module removal tool see page 39
- EPIC® MCR Frames see page 40

## EPIC® MC Module removal tool



### Suitable housing:

- EPIC® MCR Frames page 40

### Benefits

- This tool is used to lift built-in modules out of the module frames

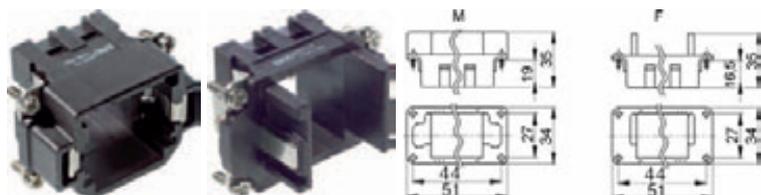
Part number	Part	Pieces / PU
<b>MC Module removal tool</b>		
11171200	MC Module removal tool	1

Photographs are not to scale and do not represent detailed images of the respective products.

### Accessories

- EPIC® MCR Frames see page 40

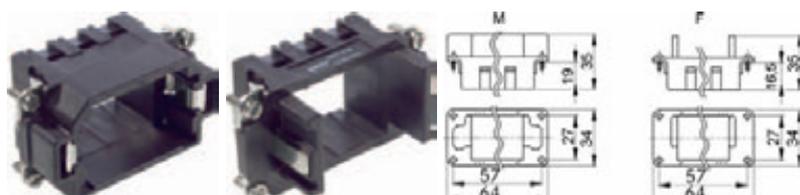
### EPIC® MCR 6



**Info**

- Various modules can be used together in one housing

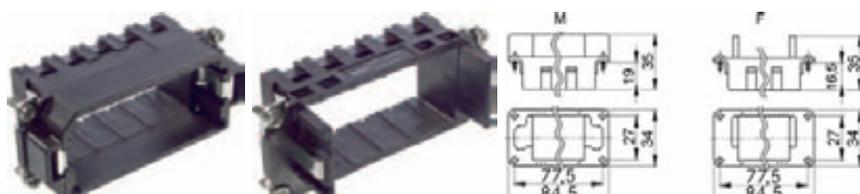
### EPIC® MCR 10



**Info**

- Various modules can be used together in one housing

### EPIC® MCR 16



**Info**

- Various modules can be used together in one housing

### EPIC® MCR 24



**Info**

- Various modules can be used together in one housing

**Suitable housing:**

**EPIC® MCR 6**

- EPIC® H-B 6 Housings page 81
- EPIC® ULTRA H-B 6 page 76
- EPIC® QUICK & EASY Mounting system page 134

**EPIC® MCR 10**

- EPIC® H-B 10 Housings page 87
- EPIC® ULTRA H-B 10 page 78

**EPIC® MCR 16**

- EPIC® H-B 16 Housings page 100
- EPIC® ULTRA H-B 16 page 79

**EPIC® MCR 24**

- EPIC® H-B 24 Housings page 114
- EPIC® ULTRA H-B 24 page 80

**Benefits**

- Mixed assembly guarantees a high flexibility
- Assemble special connectors suitable for your specific applications

**Product features**

- MCR Frame version “male” is designed for usage with modules with male contacts, version “female” is designed for usage with modules with female contacts

Part number	Part	Number of modules	Version	Pieces / PU
<b>MCR 6 frame</b>				
10381000	MCR 6 S	2	male	5
10381100	MCR 6 B	2	female	5
<b>MCR 10 frame</b>				
10381200	MCR 10 S	3	male	5
10381300	MCR 10 B	3	female	5
<b>MCR 16 frame</b>				
10381400	MCR 16 S	5	male	5
10381500	MCR 16 B	5	female	5
<b>MCR 24 frame</b>				
10381600	MCR 24 S	7	male	5
10381700	MCR 24 B	7	female	5

Photographs are not to scale and do not represent detailed images of the respective products.

## EPIC® M-D 1.0 D-Sub stamped contacts-on-reel



**Suitable tools**

- Crimping tool for contacts-on-reel D-Sub see page [P146867]
- Removal tool see page [P146471]

Part number	Part	Version	Conductor cross section in mm <sup>2</sup>	Surface	Stripping length (mm)	Note	Pieces / PU
<b>Contacts</b>							
44429011	EPIC® D-SUB SCBG AU G2 0,08-0,22 (500)	male	0.08 - 0.22	Au (0,8µm)	2,5 + 0,5	1 reel (PU) = 500 contacts	1
44429007	EPIC® D-SUB BCBG AU G2 0,08-0,22 (500)	female	0.08 - 0.22	Au (0,8µm)	2,5 + 0,5	1 reel (PU) = 500 contacts	1
44429013	EPIC® D-SUB SCBG AU G3 0,08-0,22 (500)	male	0.08 - 0.22	Au (0,1µm)	2,5 + 0,5	1 reel (PU) = 500 contacts	1
44429009	EPIC® D-SUB BCBG AU G3 0,08-0,22 (500)	female	0.08 - 0.22	Au (0,1µm)	2,5 + 0,5	1 reel (PU) = 500 contacts	1
44429012	EPIC® D-SUB SCBG AU G2 0,22-0,56 (500)	male	0.22 - 0.56	Au (0,8µm)	2,5 + 0,5	1 reel (PU) = 500 contacts	1
44429008	EPIC® D-SUB BCBG AU G2 0,22-0,56 (500)	female	0.22 - 0.56	Au (0,8µm)	2,5 + 0,5	1 reel (PU) = 500 contacts	1
44429014	EPIC® D-SUB SCBG AU G3 0,22-0,56 (500)	male	0.22 - 0.56	Au (0,1µm)	2,5 + 0,5	1 reel (PU) = 500 contacts	1
44429010	EPIC® D-SUB BCBG AU G3 0,22-0,56 (500)	female	0.22 - 0.56	Au (0,1µm)	2,5 + 0,5	1 reel (PU) = 500 contacts	1

Photographs are not to scale and do not represent detailed images of the respective products.

## EPIC® Tools for M-D 1,0 D-Sub contacts-on-reel stamped



**Suitable contacts:**

- EPIC® M-D 1.0 D-Sub stamped contacts-on-reel page 41

Part number	Part	Version	Note	Pieces / PU
11158400	Crimping tool	In tool case	Crimping dies included, for contacts H-D 1.0 D-Sub (0.08 - 0.56 m <sup>2</sup> )	1
11132500	Removal tool		For contacts-on-reel: D-Sub 1,0 stamped	1

Photographs are not to scale and do not represent detailed images of the respective products.

Rectangular connectors

EPIC® Contacts + tools

## EPIC® H-D 1.6 machined contacts



**Suitable tools**

- EPIC® Tools for contacts H-D 1.6 machined see page 42
- Pneumatic crimping machine for single contacts
- Crimping tool for single contacts
- Crimping dies for single contacts
- Locator
- Removal tool

Part number	Part	Version	Conductor cross section in mm <sup>2</sup>	Cross-section ratio	Surface	Stripping length (mm)	Pieces / PU
<b>Contacts</b>							
13162000	H-D 1.6 machined	male	0.14 - 0.37	1.0	Ag	8,0	100
13163000	H-D 1.6 machined	female	0.14 - 0.37	1.0	Ag	8,0	100
13162100	H-D 1.6 machined	male	0.50	2.0	Ag	8,0	100
13163100	H-D 1.6 machined	female	0.50	2.0	Ag	8,0	100
13162200	H-D 1.6 machined	male	0.75 - 1.00	3.0	Ag	8,0	100
13163200	H-D 1.6 machined	female	0.75 - 1.00	3.0	Ag	8,0	100
13162300	H-D 1.6 machined	male	1.50	4.0	Ag	8,0	100
13163300	H-D 1.6 machined	female	1.50	4.0	Ag	8,0	100
13162400	H-D 1.6 machined	male	2.50	5.0	Ag	5,8	100
13163400	H-D 1.6 machined	female	2.50	5.0	Ag	5,8	100
13162500	H-D 1.6 machined	male	0.14 - 0.37	1.0	Au	8,0	100
13163500	H-D 1.6 machined	female	0.14 - 0.37	1.0	Au	8,0	100
13162600	H-D 1.6 machined	male	0.50	2.0	Au	8,0	100
13163600	H-D 1.6 machined	female	0.50	2.0	Au	8,0	100
13162700	H-D 1.6 machined	male	0.75 - 1.00	3.0	Au	8,0	100
13163700	H-D 1.6 machined	female	0.75 - 1.00	3.0	Au	8,0	100
13162800	H-D 1.6 machined	male	1.50	4.0	Au	8,0	100
13163800	H-D 1.6 machined	female	1.50	4.0	Au	8,0	100
13162900	H-D 1.6 machined	male	2.50	5.0	Au	5,8	100
13163900	H-D 1.6 machined	female	2.50	5.0	Au	5,8	100

Photographs are not to scale and do not represent detailed images of the respective products.

## EPIC® Tools for contacts H-D 1.6 machined



**Product features**

- Locator and crimping dies fit together with the crimping tool 11147000 and the crimping machine 11147001

Part number	Part	Version	Note	Pieces / PU
11147000	Crimping tool	In tool case	Without crimping dies, without locator	1
11147001	Crimping machine	Pneumatic, 5-10 bar	Without crimping dies, without locator	1
11147100	Crimping dies	For crimping tools 11147000, 11147001	For contacts: H-D 1.6 machined, H-BE 2.5 machined, MC 2.5 machined	1
11147200	Locator	For crimping tools 11147000, 11147001	For contacts: H-D 1.6 machined, H-BE machined, MC 2.5 machined, MC 2.5 stamped	1
11161000	Removal tool		For contacts: H-D 1.6 machined, H-D 1.6 stamped	1

Photographs are not to scale and do not represent detailed images of the respective products.

## EPIC® H-D 1.6 stamped contacts



### Suitable tools

- Pneumatic crimping machine for single contacts
- Crimping tool for single contacts
- Crimping dies for single contacts
- Locator
- Removal tool

Part number	Part	Version	Conductor cross section in mm <sup>2</sup>	Surface	Stripping length (mm)	Pieces / PU
<b>Contacts</b>						
11241100	H-D 1.6 stamped	male	0.14 - 0.50	Ag	2,5 + 0,5	100
11231100	H-D 1.6 stamped	female	0.14 - 0.50	Ag	2,5 + 0,5	100
11221000	H-D 1.6 stamped	male	0.50 - 1.50	Ag	3,5 + 0,5	100
11236100	H-D 1.6 stamped	female	0.50 - 1.50	Ag	3,5 + 0,5	100
11223500	H-D 1.6 stamped	male	1.50 - 2.50	Ag	3,5 + 0,5	100
11228500	H-D 1.6 stamped	female	1.50 - 2.50	Ag	3,5 + 0,5	100
11243100	H-D 1.6 stamped	male	0.14 - 0.50	Au	2,5 + 0,5	100
11233100	H-D 1.6 stamped	female	0.14 - 0.50	Au	2,5 + 0,5	100
11221300	H-D 1.6 stamped	male	0.50 - 1.50	Au	3,5 + 0,5	100
11238100	H-D 1.6 stamped	female	0.50 - 1.50	Au	3,5 + 0,5	100

Photographs are not to scale and do not represent detailed images of the respective products.

## EPIC® Tools for contacts H-D 1.6 stamped



### Product features

- Locator and crimping dies fit together with the crimping tool 11147000 and the crimping machine 11147001

Part number	Part	Version	Note	Pieces / PU
11147000	Crimping tool	In tool case	Without crimping dies, without locator	1
11147001	Crimping machine	Pneumatic, 5-10 bar	Without crimping dies, without locator	1
11147170	Crimping dies	For crimping tools 11147000, 11147001	For contacts: H-D 1.6 stamped (0.14 - 0.5 mm <sup>2</sup> )	1
11147180	Crimping dies	For crimping tools 11147000, 11147001	For contacts: H-D 1.6 stamped (0.5 - 1.5 mm <sup>2</sup> ), MC 2.5 stamped (0.5 - 1.5 mm <sup>2</sup> )	1
11147190	Crimping dies	For crimping tools 11147000, 11147001	For contacts: H-D 1.6 stamped (1.5 - 2.5 mm <sup>2</sup> ), MC 2.5 stamped (1.5 - 2.5 mm <sup>2</sup> )	1
11147300	Locator		For contacts: H-D 1.6 machined, H-D 1.6 stamped	1
11161000	Removal tool		For contacts: H-D 1.6 machined, H-D 1.6 stamped	1

Photographs are not to scale and do not represent detailed images of the respective products.

Rectangular connectors

EPIC® Contacts + tools

**New**

## EPIC® H-D 1.6 stamped contacts-on-reel



**Suitable tools**

- Crimping tool for contacts-on-reel
- Crimping dies for contacts-on-reel
- Locator
- Removal tool

Part number	Part	Version	Conductor cross section in mm <sup>2</sup>	Surface	Stripping length (mm)	Note	Pieces / PU
<b>Contacts</b>							
11240700	H-D SCBG AG 0.14-0.5 2000 LI	male	0.14 - 0.50	Ag	2,5 + 0,5	1 reel (PU) = 200 contacts	1
11230700	H-D BCBG AG 0.14-0.5 2000 LI	female	0.14 - 0.50	Ag	2,5 + 0,5	1 reel (PU) = 200 contacts	1
11240400	H-D SCBG AG 0.14-0.5 2000 LI	male	0.14 - 0.50	Ag	2,5 + 0,5	1 reel (PU) = 2000 contacts	1
11230400	H-D BCBG AG 0.14-0.5 2000 LI	female	0.14 - 0.50	Ag	2,5 + 0,5	1 reel (PU) = 2000 contacts	1
11240000	H-D SCBG AG 0.14-0.5 2000 RE	male	0.14 - 0.50	Ag	2,5 + 0,5	1 reel (PU) = 2000 contacts	1
11230000	H-D BCBG AG 0.14-0.5 2000 RE	female	0.14 - 0.50	Ag	2,5 + 0,5	1 reel (PU) = 2000 contacts	1
11240500	H-D SCBG AU 0.14-0.5 2000 LI	male	0.14 - 0.50	Au	2,5 + 0,5	1 reel (PU) = 2000 contacts	1
11230500	H-D BCBG AU 0.14-0.5 2000 LI	female	0.14 - 0.50	Au	2,5 + 0,5	1 reel (PU) = 2000 contacts	1
11220700	H-D SCBG AG 0.5-1.5 2000 LI	male	0.50 - 1.50	Ag	3,5 + 0,5	1 reel (PU) = 200 contacts	1
11235700	H-D BCBG AG 0.5-1.5 2000 LI	female	0.50 - 1.50	Ag	3,5 + 0,5	1 reel (PU) = 200 contacts	1
11226000	H-D SCBG AG 0.5-1.5 2000 LI	male	0.50 - 1.50	Ag	3,5 + 0,5	1 reel (PU) = 2000 contacts	1
11226500	H-D BCBG AG 0.5-1.5 2000 LI	female	0.50 - 1.50	Ag	3,5 + 0,5	1 reel (PU) = 2000 contacts	1
11220000	H-D SCBG AG 0.5-1.5 2000 RE	male	0.50 - 1.50	Ag	2,5 + 0,5	1 reel (PU) = 2000 contacts	1
11235000	H-D BCBG AG 0.5-1.5 2000 RE	female	0.50 - 1.50	Ag	2,5 + 0,5	1 reel (PU) = 2000 contacts	1
11220100	H-D SCBG AU 0.5-1.5 2000 RE	male	0.50 - 1.50	Au	2,5 + 0,5	1 reel (PU) = 2000 contacts	1
11235200	H-D BCBG AU 0.5-1.5 2000 RE	female	0.50 - 1.50	Au	2,5 + 0,5	1 reel (PU) = 2000 contacts	1
11223000	H-D SCBG AG 1.5-2.5 100 LI	male	1.50 - 2.50	Ag	3,5 + 0,5	1 reel (PU) = 100 contacts	1
11228000	H-D BCBG AG 1.5-2.5 100 LI	female	1.50 - 2.50	Ag	3,5 + 0,5	1 reel (PU) = 100 contacts	1
11222700	H-D SCBG AG 1.5-2.5 2000 LI	male	1.50 - 2.50	Ag	3,5 + 0,5	1 reel (PU) = 2000 contacts	1
11227700	H-D BCBG AG 1.5-2.5 2000 LI	female	1.50 - 2.50	Ag	3,5 + 0,5	1 reel (PU) = 2000 contacts	1

Photographs are not to scale and do not represent detailed images of the respective products.

## EPIC® Tools for contacts-on-reel H-D 1.6 stamped



Part number	Part	Version	Note	Pieces / PU
11153600	Crimping dies	For crimping tool 11153500	For contacts-on-reel: H-D 1.6 stamped (0.14-0.5mm <sup>2</sup> )	1
11161000	Removal tool		For contacts: H-D 1.6 machined, H-D 1.6 stamped	1

Photographs are not to scale and do not represent detailed images of the respective products.

## EPIC® H-BE 2.5 machined contacts



### Suitable tools

- Pneumatic crimping machine for single contacts
- Crimping tool for single contacts
- Crimping dies for single contacts
- Locator
- Removal tool

Part number	Part	Version	Conductor cross section in mm²	Cross-section ratio	Surface	Stripping length (mm)	Pieces / PU
<b>Contacts</b>							
11190000	H-BE 2.5 machined	male	0.50		Ag	7,4	100
11195000	H-BE 2.5 machined	female	0.50		Ag	7,3	100
11190100	H-BE 2.5 machined	male	0.75 - 1.00	1.0	Ag	7,4	100
11195100	H-BE 2.5 machined	female	0.75 - 1.00	1.0	Ag	7,3	100
11190200	H-BE 2.5 machined	male	1.50	2.0	Ag	7,4	100
11195200	H-BE 2.5 machined	female	1.50	2.0	Ag	7,3	100
11190300	H-BE 2.5 machined	male	2.50	3.0	Ag	7,4	100
11195300	H-BE 2.5 machined	female	2.50	3.0	Ag	7,3	100
11190400	H-BE 2.5 machined	male	4.00		Ag	7,4	100
11195400	H-BE 2.5 machined	female	4.00		Ag	7,3	100
11192000	H-BE 2.5 machined	male	0.50		Au	7,4	100
11197000	H-BE 2.5 machined	female	0.50		Au	7,3	100
11192100	H-BE 2.5 machined	male	0.75 - 1.00	1.0	Au	7,4	100
11197100	H-BE 2.5 machined	female	0.75 - 1.00	1.0	Au	7,3	100
11192200	H-BE 2.5 machined	male	1.50	2.0	Au	7,4	100
11197200	H-BE 2.5 machined	female	1.50	2.0	Au	7,3	100

Photographs are not to scale and do not represent detailed images of the respective products.

## EPIC® Tools for contacts H-BE 2.5 machined



### Product features

- Locator and crimping dies fit together with the crimping tool 11147000 and the crimping machine 11147001

Part number	Part	Version	Note	Pieces / PU
11147000	Crimping tool	In tool case	Without crimping dies, without locator	1
11147001	Crimping machine	Pneumatic, 5-10 bar	Without crimping dies, without locator	1
11147100	Crimping dies	For crimping tools 11147000, 11147001	For contacts: H-D 1.6 machined, H-BE 2.5 machined, MC 2.5 machined	1
11147200	Locator	For crimping tools 11147000, 11147001	For contacts: H-D 1.6 machined, H-BE machined, MC 2.5 machined, MC 2.5 stamped	1
11182500	Removal tool		For contacts: H-BE 2.5 machined	1

Photographs are not to scale and do not represent detailed images of the respective products.

Rectangular connectors

EPIC® Contacts + tools

## EPIC® MC 2.5 machined contacts



**Suitable tools**

- Pneumatic crimping machine for single contacts
- Crimping tool for single contacts
- Crimping dies for single contacts
- Locator
- Removal tool

Part number	Part	Version	Version	Conductor cross section in mm <sup>2</sup>	Cross-section ratio	Surface	Stripping length (mm)	Pieces / PU
<b>Contacts</b>								
1121300C	MC 2.5 machined	male		0.50		Ag	7,8	100
1121800C	MC 2.5 machined		female	0.50		Ag	7,8	100
1121310C	MC 2.5 machined	male		1.00	1.0	Ag	7,8	100
1121810C	MC 2.5 machined		female	1.00	1.0	Ag	7,8	100
1121320C	MC 2.5 machined	male		1.50	2.0	Ag	7,8	100
1121820C	MC 2.5 machined		female	1.50	2.0	Ag	7,8	100
1121330C	MC 2.5 machined	male		2.50	3.0	Ag	7,8	100
1121830C	MC 2.5 machined		female	2.50	3.0	Ag	7,8	100
1121340C	MC 2.5 machined	male		4.00		Ag	7,8	100
1121840C	MC 2.5 machined		female	4.00		Ag	7,8	100

Photographs are not to scale and do not represent detailed images of the respective products.

## EPIC® Tools for contacts MC 2.5 machined



**Product features**

- Locator and crimping dies fit together with the crimping tool 11147000 and the crimping machine 11147001

Part number	Part	Version	Note	Pieces / PU
11147000	Crimping tool	In tool case	Without crimping dies, without locator	1
11147001	Crimping machine	Pneumatic, 5-10 bar	Without crimping dies, without locator	1
11147100	Crimping dies	For crimping tools 11147000, 11147001	For contacts: H-D 1.6 machined, H-BE 2.5 machined, MC 2.5 machined	1
11147200	Locator	For crimping tools 11147000, 11147001	For contacts: H-D 1.6 machined, H-BE machined, MC 2.5 machined, MC 2.5 stamped	1
11171000	Removal tool		For contacts: MC 2.5 machined	1

Photographs are not to scale and do not represent detailed images of the respective products.

## EPIC® MC 2.5 stamped contacts



### Suitable tools

- Pneumatic crimping machine for single contacts
- Crimping tool for single contacts
- Crimping dies for single contacts
- Locator
- Removal tool

Part number	Part	Version	Conductor cross section in mm <sup>2</sup>	Surface	Stripping length (mm)	Pieces / PU
<b>Contacts</b>						
11201000	MC 2.5 stamped	male	0.50 - 1.50	Ag	3,5 + 0,5	100
11205000	MC 2.5 stamped	female	0.50 - 1.50	Ag	3,5 + 0,5	100
11202000	MC 2.5 stamped	male	1.50 - 2.50	Ag	3,5 + 0,5	100
11206000	MC 2.5 stamped	female	1.50 - 2.50	Ag	3,5 + 0,5	100

Photographs are not to scale and do not represent detailed images of the respective products.

## EPIC® Tools for contacts MC 2.5 stamped



### Product features

- Locator and crimping dies fit together with the crimping tool 11147000 and the crimping machine 11147001

Part number	Part	Version	Note	Pieces / PU
11147000	Crimping tool	In tool case	Without crimping dies, without locator	1
11147001	Crimping machine	Pneumatic, 5-10 bar	Without crimping dies, without locator	1
11147180	Crimping dies	For crimping tools 11147000, 11147001	For contacts: H-D 1.6 stamped (0.5 - 1.5 mm <sup>2</sup> ), MC 2.5 stamped (0.5 - 1.5 mm <sup>2</sup> )	1
11147190	Crimping dies	For crimping tools 11147000, 11147001	For contacts: H-D 1.6 stamped (1.5 - 2.5 mm <sup>2</sup> ), MC 2.5 stamped (1.5 - 2.5 mm <sup>2</sup> )	1
11147300	Locator		For contacts: H-D 1.6 machined, H-D 1.6 stamped	1
11160000	Removal tool		For contacts: MC 2.5 stamped	1

Photographs are not to scale and do not represent detailed images of the respective products.

**New**

## EPIC® MC 2.5 stamped contacts-on-reel



**■ Suitable tools**

- Crimping tool for contacts-on-reel
- Crimping dies for contacts-on-reel
- Locator
- Removal tool

Part number	Part	Version	Conductor cross section in mm <sup>2</sup>	Surface	Stripping length (mm)	Note	Pieces / PU
<b>Contacts</b>							
11208000	MC SCBG AG 0.5-1.5 200 LI	male	0.50 - 1.50	Ag	3,5 + 0,5	1 reel (PU) = 200 contacts	1
11209000	MC BCBG AG 0.5-1.5 200 LI	female	0.50 - 1.50	Ag	3,5 + 0,5	1 reel (PU) = 200 contacts	1
11208500	MC SCBG AG 1.5-2.5 100 LI	male	1.50 - 2.50	Ag	3,5 + 0,5	1 reel (PU) = 100 contacts	1
11209500	MC BCBG AG 1.5-2.5 100 LI	female	1.50 - 2.50	Ag	3,5 + 0,5	1 reel (PU) = 100 contacts	1

Photographs are not to scale and do not represent detailed images of the respective products.

## EPIC® Tools for contacts-on-reel MC 2.5 stamped



Part number	Part	Version	Note	Pieces / PU
11153500	Crimping tool	In tool case	Without crimping dies	1
11153700	Crimping dies	For crimping tools 11153500	For contacts: H-D 1.6 stamped (0.5 - 1.5 mm <sup>2</sup> ), MC 2.5 stamped (0.5 - 1.5 mm <sup>2</sup> )	1
11153800	Crimping dies	For crimping tools 11153500	For contacts: H-D 1.6 stamped (1.5 - 2.5 mm <sup>2</sup> ), MC 2.5 stamped (1.5 - 2.5 mm <sup>2</sup> )	1
11160000	Removal tool		For contacts: MC 2.5 stamped	1

Photographs are not to scale and do not represent detailed images of the respective products.

## EPIC® MC 3.6 machined contacts



### Suitable tools

- Pneumatic crimping machine for single contacts
- Crimping tool for single contacts
- Crimping dies for single contacts
- Locator
- Removal tool

Part number	Part	Version	Conductor cross section in mm <sup>2</sup>	Surface	Stripping length (mm)	Pieces / PU
<b>Contacts</b>						
1121070C	MC 3.6 machined	male	1.50	Ag	10,0	100
1121570C	MC 3.6 machined	female	1.50	Ag	10,0	100
1121060C	MC 3.6 machined	male	2.50	Ag	10,0	100
1121560C	MC 3.6 machined	female	2.50	Ag	10,0	100
1121000C	MC 3.6 machined	male	4.00	Ag	10,0	100
1121500C	MC 3.6 machined	female	4.00	Ag	10,0	100
1121010C	MC 3.6 machined	male	6.00	Ag	10,0	100
1121510C	MC 3.6 machined	female	6.00	Ag	10,0	100
1121020C	MC 3.6 machined	male	10.00	Ag	10,0	100
1121520C	MC 3.6 machined	female	10.00	Ag	10,0	100

Photographs are not to scale and do not represent detailed images of the respective products.

## EPIC® Tools for contacts MC 3.6 machined



### Product features

- Locator and crimping dies fit together with the crimping tool 11147000 and the crimping machine 11147001

Part number	Part	Version	Note	Pieces / PU
11147000	Crimping tool	In tool case	Without crimping dies, without locator	1
11147001	Crimping machine	Pneumatic, 5-10 bar	Without crimping dies, without locator	1
11147110	Crimping dies	For crimping tools 11147000, 11147001	For contacts: MC 3.6 machined (1.5 - 2.5 mm <sup>2</sup> )	1
11147120	Crimping dies	For crimping tools 11147000, 11147001	For contacts: MC 3.6 machined (4.0 - 10 mm <sup>2</sup> )	1
11147210	Locator	For crimping tools 11147000, 11147001	For contacts: MC 3.6 machined	1
11171100	Removal tool		For contacts: MC 3.6 machined	1

Photographs are not to scale and do not represent detailed images of the respective products.

**New**

## EPIC® MC Coax-Contacts



**Info**

- New: 75Ohm contacts

### Product features

- Solder termination: The inner conductor and the outer sleeve of the COAX-cable are terminated by soldering

### Suitable tools

- Pneumatic crimping machine for single contacts
- Crimping tool for single contacts
- Crimping dies for single contacts
- Locator
- Removal tool

Part number	Part	Version	Surface	For cable type	Pieces / PU
<b>Solder termination</b>					
44429018	EPIC® MC SLEM 50Ohm RG58CU	male	Au	RG 58 CU	10
44429017	EPIC® MC BLEM 50Ohm RG58CU	female	Au	RG 58 CU	10
44429020	EPIC® MC SLEM 75Ohm RG180BU	male	Au	RG 180 BU	10
44429019	EPIC® MC BLEM 75Ohm RG180BU	female	Au	RG 180 BU	10
44429022	EPIC® MC SLEM 75Ohm RG187AU	male	Au	RG 187 AU	10
44429021	EPIC® MC BLEM 75Ohm RG187AU	female	Au	RG 187 AU	10
<b>Solder/Crimp termination</b>					
11214200	MC SLEM COAX MALE	male	Au	RG 58	1
11219200	MC BLEM COAX FEMALE	female	Au	RG 58	1

Photographs are not to scale and do not represent detailed images of the respective products.

## EPIC® Tools for contacts MC Coax



### Product features

- Locator and crimping dies fit together with the crimping tool 11147000 and the crimping machine 11147001

Part number	Part	Version	Note	Pieces / PU
11147000	Crimping tool	In tool case	Without crimping dies, without locator	1
11147001	Crimping machine	Pneumatic, 5-10 bar	Without crimping dies, without locator	1
11147130	Crimping dies	For crimping tools 11147000, 11147001	For coax-contacts 11214200, 11219200	1
11171100	Removal tool		For contacts: MC 3.6 machined	1

Photographs are not to scale and do not represent detailed images of the respective products.

## EPIC® H-A 3 Hood Metal straight entry



## EPIC® H-A 3 Hood Thermoplastic straight entry



### Benefits

- Housing in plastic or metal version. For power supply on smallest possible space

### Application range

- Machine and apparatus construction
- Control engineering
- Electronic laboratory

### Product features

- Hood
- Bolts for 1 lever
- Straight cable entry
- Versions with / without cable gland

### Suitable inserts

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

### Technical data



**Material**  
**EPIC® H-A 3 Hood Metal straight entry**  
 Housing: zinc die-casting powder coated, grey  
 Lever: steel, zinc-plated  
**EPIC® H-A 3 Hood Thermoplastic straight entry**  
 Housing: thermoplastic grey, black  
 Lever: steel, zinc-plated



**Degree of protection**  
 IP 65 (latched)



**Range of temperature**  
 -40°C - +100°C, temporary up to +125°C

Part number	Part	M	PG	Material	Colour	Cable gland	Cable clamping range	Dimension incl. cable gland	Pieces / PU
<b>H-A housing: Hood (straight cable entry)</b>									
10512100	H-A 3 MTgv		11	Zinc die-casting	grey				10
10426500	H-A 3 MTgv		11	Zinc die-casting	grey	yes	6.5 - 12.0	57.0	10
19512100	H-A 3 MTgv M20	20		Zinc die-casting	grey				10
19426500	H-A 3 MTgv M20	20		Zinc die-casting	grey	yes	3.0 - 13.5	57.0	10
10425500	H-A 3 Tgv		11	Thermoplastic	black				10
10426000	H-A 3 Tgv		11	Thermoplastic	grey				10
10426700	H-A 3 Tgv		11	Thermoplastic	black	yes	6.5 - 12.0	62.0	10
10426400	H-A 3 Tgv		11	Thermoplastic	grey	yes	6.5 - 12.0	62.0	10
19425500	H-A 3 Tgv M20	20		Thermoplastic	black				10
19426000	H-A 3 Tgv M20	20		Thermoplastic	grey				10

Photographs are not to scale and do not represent detailed images of the respective products.

### Accessories

#### EPIC® H-A 3 Hood Metal straight entry

- SKINTOP® MS-M
- SKINTOP® MS

#### EPIC® H-A 3 Hood Thermoplastic straight entry

- SKINTOP® ST-M
- SKINTOP® ST

## EPIC® H-A 3 Hood Metal side entry



## EPIC® H-A 3 Hood Thermoplastic side entry



### Benefits

- Housing in plastic or metal version. For power supply on smallest possible space

### Application range

- Machine and apparatus construction
- Control engineering
- Electronic laboratory

### Product features

- Hood
- Bolts for 1 lever
- Side cable entry
- Versions with / without cable gland

### Suitable inserts

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

### Technical data



#### Material

##### EPIC® H-A 3 Hood Metal side entry

Housing:

zinc die-casting powder coated, grey

Lever: steel, zinc-plated

##### EPIC® H-A 3 Hood Thermoplastic side entry

Housing: thermoplastic grey, black

Lever: steel, zinc-plated



#### Degree of protection

IP 65 (latched)



#### Range of temperature

-40°C - +100°C, temporary up to +125°C

Part number	Part	M	PG	Material	Colour	Cable gland	Cable clamping range	Dimension incl. cable gland	Pieces / PU
<b>H-A housing: Hood (side cable entry)</b>									
10512300	H-A 3 MTs		11	Zinc die-casting	grey				10
10427500	H-A 3 MTs		11	Zinc die-casting	grey	yes	6.5 - 12.0	43.0	10
19512300	H-A 3 Ts M20	20		Zinc die-casting	grey				10
19427500	H-A 3 Ts M20	20		Zinc die-casting	grey	yes	3.0 - 13.5	43.0	10
10427300	H-A 3 Ts		11	Thermoplastic	black				10
10427000	H-A 3 Ts		11	Thermoplastic	grey				10
10620600	H-A 3 Ts		11	Thermoplastic	black	yes	6.5 - 12.0	48.0	10
10427100	H-A 3 Ts		11	Thermoplastic	grey	yes	6.5 - 12.0	48.0	10
19427300	H-A 3 Ts M20	20		Thermoplastic	black				10
19427000	H-A 3 Ts M20	20		Thermoplastic	grey				10

Photographs are not to scale and do not represent detailed images of the respective products.

### Accessories

#### EPIC® H-A 3 Hood Metal side entry

- SKINTOP® MS-M
- SKINTOP® MS

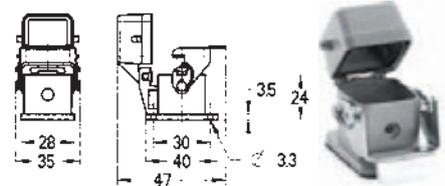
#### EPIC® H-A 3 Hood Thermoplastic side entry

- SKINTOP® ST-M
- SKINTOP® ST

**EPIC® H-A 3 Panel Mount Base (straight)**



**EPIC® H-A 3 Panel Mount Base with cover**



**EPIC® H-A 3 Panel Mount Base (angled)**



**Benefits**

- Housing in plastic or metal version. For power supply on smallest possible space

**Application range**

- Machine and apparatus construction
- Control engineering
- Electronic laboratory

**Product features**

**EPIC® H-A 3 Panel Mount Base (straight)**

- Panel mount base
- 1 lever
- Including flat gasket

**EPIC® H-A 3 Panel Mount Base with cover**

- Panel mount base
- 1 lever
- Metal cover
- Including flat gasket

**EPIC® H-A 3 Panel Mount Base (angled)**

- Panel mount base
- 1 lever
- Angled version
- Including flat gasket

**Suitable inserts**

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**



**Material**  
**EPIC® H-A 3 Panel Mount Base (straight)**

Housing: zinc die-casting powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR

Housing: thermoplastics grey, black  
Lever: steel, zinc-plated  
Sealing: NBR

**EPIC® H-A 3 Panel Mount Base with cover**

Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR

**EPIC® H-A 3 Panel Mount Base (angled)**

Housing: zinc die-casting powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR  
Housing: thermoplastics grey, black  
Lever: steel, zinc-plated  
Sealing: NBR



**Degree of protection**  
**EPIC® H-A 3 Panel Mount Base (straight)**

IP 65 (latched)

**EPIC® H-A 3 Panel Mount Base with cover**

IP 44 (latched)

**EPIC® H-A 3 Panel Mount Base (angled)**

IP 65 (latched)



**Range of temperature**  
-40 °C - +100 °C, temporary up to +125 °C

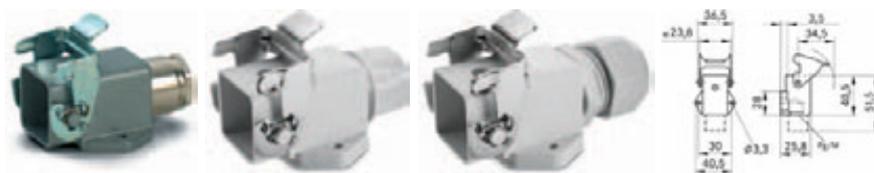
Part number	Part	Colour	Material	Pieces / PU
<b>H-A housing: Panel mount base (straight)</b>				
10422500	H-A 3 Mag	grey	Zinc die-casting	10
10422200	H-A 3 Ag	black	Thermoplastic	10
10422000	H-A 3 Ag	grey	Thermoplastic	10
<b>H-A housing: Panel mount base with cover (with sealing, for female inserts)</b>				
44429015	H-A 3 MAGD	grey	Aluminium die-casting	10
<b>H-A housing: Panel mount base (angled)</b>				
10423500	H-A 3 Mags	grey	Zinc die-casting	10
10423100	H-A 3 Ags	black	Thermoplastic	10
10423000	H-A 3 Ags	grey	Thermoplastic	10

Photographs are not to scale and do not represent detailed images of the respective products.

Rectangular connectors

EPIC® H-A 3 Housings

EPIC® H-A 3 Surface Mount Base



EPIC® H-A 3 Surface Mount Base (open bottom)



Benefits

- Housing in plastic or metal version. For power supply on smallest possible space

Application range

- Machine and apparatus construction
- Control engineering
- Electronic laboratory

Product features

EPIC® H-A 3 Surface Mount Base

- Surface mount base
- 1 lever
- 1 cable entry
- Versions with / without cable gland
- Including flat gasket

EPIC® H-A 3 Surface Mount Base (open bottom)

- Surface mount base
- 1 lever
- 2 cable entries
- Housing type: With open bottom
- Including flat gasket

Suitable inserts

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

Technical data



Material

Housing: zinc die-casting powder-coated grey  
 Lever: steel, zinc-plated  
 Sealing: NBR  
 Housing: thermoplastics grey, black  
 Lever: steel, zinc-plated  
 Sealing: NBR



Degree of protection

IP 65 (latched)



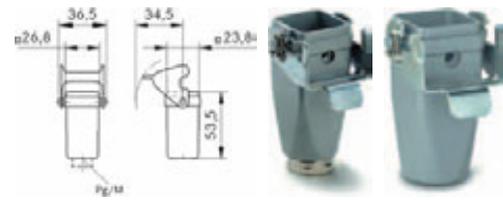
Range of temperature

-40°C - +100°C, temporary up to +125°C

Part number	Part	M	PG	Material	Colour	Cable gland	Cable clamping range	Dimension incl. cable gland	Pieces / PU
<b>H-A housing: Surface mount base</b>									
10512700	H-A 3 MAgsv		11	Zinc die-casting	grey			51.5	10
10424000	H-A 3 Agsv		11	Thermoplastic	grey			56.0	10
10424500	H-A 3 MAgsv		11	Zinc die-casting	grey	yes	6.5 - 12.0	57.5	10
10424200	H-A 3 Agsv		11	Thermoplastic	grey	yes	6.5 - 12.0	65.0	10
19512700	H-A 3 MAgsv M20	20		Zinc die-casting	grey			54.5	10
19421900	H-A 3 Agsv M20	20		Thermoplastic	grey	yes	3.0 - 13.5	56.0	10
19424500	H-A 3 MAgsv M20	20		Zinc die-casting	grey	yes	3.0 - 13.5	60.5	10
<b>H-A housing: Surface mount base (with open bottom)</b>									
19517200	H-A 3 MAgsv M20	20		Zinc die-casting	grey				10
19515200	H-A 3 Agsv M20	20		Thermoplastic	grey				10

Photographs are not to scale and do not represent detailed images of the respective products.

## EPIC® H-A 3 Cable Coupler Hood metal (straight entry)



## EPIC® H-A 3 Cable Coupler Hood Thermoplastic (straight entry)



### Benefits

- Housing in plastic or metal version. For power supply on smallest possible space

### Application range

- Machine and apparatus construction
- Control engineering
- Electronic laboratory

### Product features

- Cable coupler hood
- 1 lever
- Straight cable entry
- Versions with / without cable gland

### Suitable inserts

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

### Technical data



**Material**  
**EPIC® H-A 3 Cable Coupler Hood metal (straight entry)**

Housing: zinc die-casting powder coated, grey  
 Lever: steel, zinc-plated

**EPIC® H-A 3 Cable Coupler Hood Thermoplastic (straight entry)**

Housing: thermoplastic grey, black  
 Lever: steel, zinc-plated



**Degree of protection**  
 IP 65 (latched)



**Range of temperature**  
 -40°C - +100°C, temporary up to +125°C

Part number	Part	M	PG	Material	Colour	Cable gland	Cable clamping range	Dimension incl. cable gland	Pieces / PU
<b>H-A housing: Cable coupler hood (straight cable entry)</b>									
10512900	H-A 3 MTgvb		11	Zinc die-casting	grey				10
10429500	H-A 3 MTgvb		11	Zinc die-casting	grey	yes	6.5 - 12.0	60.0	10
19512900	H-A 3 MTgvb M20	20		Zinc die-casting	grey				10
10429200	H-A 3 Tgvb		11	Thermoplastic	black				10
10429000	H-A 3 Tgvb		11	Thermoplastic	grey				10
10620300	H-A 3 Tgvb		11	Thermoplastic	black	yes	6.5 - 12.0	65.0	10
10429100	H-A 3 Tgvb		11	Thermoplastic	grey	yes	6.5 - 12.0	65.0	10
19429200	H-A 3 Tgvb M20	20		Thermoplastic	black				10
19429000	H-A 3 Tgvb M20	20		Thermoplastic	grey				10

Photographs are not to scale and do not represent detailed images of the respective products.

### Accessories

#### EPIC® H-A 3 Cable Coupler Hood metal (straight entry)

- SKINTOP® MS-M
- SKINTOP® MS

#### EPIC® H-A 3 Cable Coupler Hood Thermoplastic (straight entry)

- SKINTOP® ST-M
- SKINTOP® ST

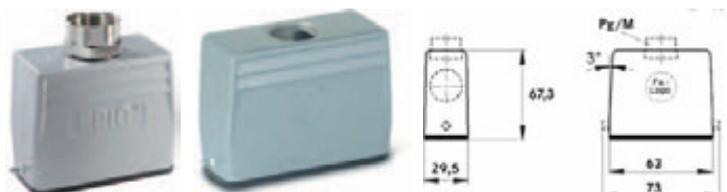
Rectangular connectors

EPIC® H-A 10 Housings

EPIC® H-A 10 TG



EPIC® H-A 10 TGH



Benefits

- Small and space-saving for narrow available space

Application range

- Machine and apparatus construction
- Control engineering
- Electronic laboratory

Product features

EPIC® H-A 10 TG

- Hood, low version
- Bolts for single lever
- Straight cable entry
- Versions with / without neck

EPIC® H-A 10 TGH

- Hood, high version
- Bolts for single lever
- Straight cable entry
- Versions with / without neck

Suitable inserts

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

Technical data

**Material**  
 Housing: aluminium alloy powder-coated grey  
 Lever: steel, zinc-plated  
 Sealing: NBR

**Degree of protection**  
 IP 65 (latched)

**Range of temperature**  
 -40°C - +100°C, temporary up to +125°C

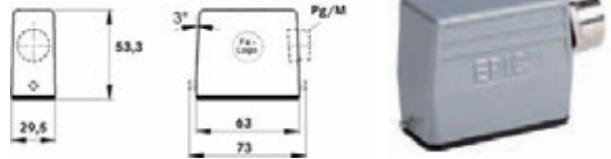
Part number	Part	M	PG	Neck	Pieces / PU
<b>H-A housing: Hood (straight cable entry, bolts for single lever)</b>					
10446000	H-A 10 TG 13,5		13,5	yes	5
10446100	H-A 10 TG 16		16	yes	5
19446000	H-A 10 TG M20	20			5
19446100	H-A 10 TG M25	25			5
<b>H-A housing: Hood (straight cable entry, bolts for single lever, high version)</b>					
70460200	H-A 10 TGH 16		16	yes	5
70460400	H-A 10 TGH 21		21	yes	5
79460200	H-A 10 TGH M20	20			5
79460400	H-A 10 TGH M25	25			5

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

**EPIC® H-A 10 TS**



**EPIC® H-A 10 TSH**



**Benefits**

- Small and space-saving for narrow available space

**Application range**

- Machine and apparatus construction
- Control engineering
- Electronic laboratory

**Product features**

**EPIC® H-A 10 TS**

- Hood, low version
- Bolts for single lever
- Side cable entry
- Versions with neck

**EPIC® H-A 10 TSH**

- Hood, high version
- Bolts for single lever
- Side cable entry
- Versions with / without neck

**Suitable inserts**

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**

**Material**  
 Housing: aluminium alloy powder-coated grey  
 Lever: steel, zinc-plated  
 Sealing: NBR

**IP** Degree of protection  
 IP 65 (latched)

**Temperature** Range of temperature  
 -40°C - +100°C, temporary up to +125°C

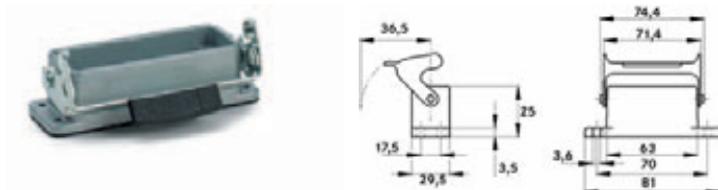
Part number	Part	M	PG	Neck	Pieces / PU
<b>H-A housing: Hood (side cable entry, bolts for single lever)</b>					
10445000	H-A 10 TS 16		16	yes	5
10445500	H-A 10 TS Z1		21	yes	5
19445000	H-A 10 TS M20	20		yes	5
19445500	H-A 10 TS M25	25		yes	5
<b>H-A housing: Hood (side cable entry, bolts for single lever, high version)</b>					
70462200	H-A 10 TSH 16		16	yes	5
70462400	H-A 10 TSH Z1		21	yes	5
79462200	H-A 10 TSH M20	20			5
79462400	H-A 10 TSH M25	25			5

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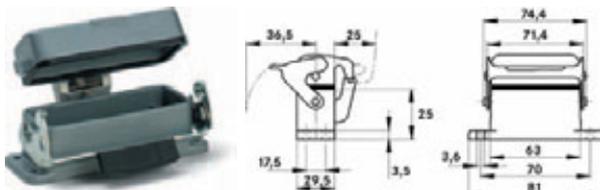
**Accessories**

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

### EPIC® H-A 10 AG-LB



### EPIC® H-A 10 AD-LB



#### Benefits

- Small and space-saving for narrow available space

#### Application range

- Machine and apparatus construction
- Control engineering
- Electronic laboratory

#### Product features

##### EPIC® H-A 10 AG-LB

- Panel mount base
- Single lever
- Including flat gasket

##### EPIC® H-A 10 AD-LB

- Panel mount base
- Single lever
- Metal cover
- Including flat gasket

#### Suitable inserts

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

#### Technical data



##### Material

Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



##### Degree of protection

IP 65 (latched)



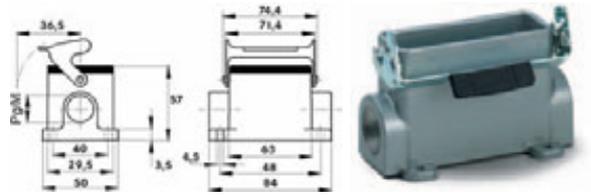
##### Range of temperature

-40°C - +100°C, temporary up to +125°C

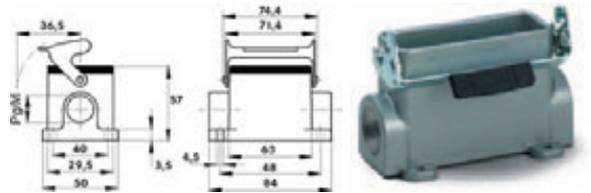
Part number	Part	Pieces / PU
<b>H-A housing: Panel mount base (single lever)</b>		
10442000	H-A 10 AG-LB	5
<b>H-A housing: Panel mount base (cover, single lever)</b>		
70444000	H-A 10 AD-LB	5

Photographs are not to scale and do not represent detailed images of the respective products.

**EPIC® H-A 10 SGR-LB**



**EPIC® H-A 10 SGRL-LB**



**Benefits**

- Small and space-saving for narrow available space

**Application range**

- Machine and apparatus construction
- Control engineering
- Electronic laboratory

**Product features**

**EPIC® H-A 10 SGR-LB**

- Surface mount base
- Single lever
- 1 cable entry

**EPIC® H-A 10 SGRL-LB**

- Surface mount base
- Single lever
- 2 cable entries

**Suitable inserts**

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**



**Material**

Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



**Degree of protection**

IP 65 (latched)



**Range of temperature**

-40°C - +100°C, temporary up to +125°C

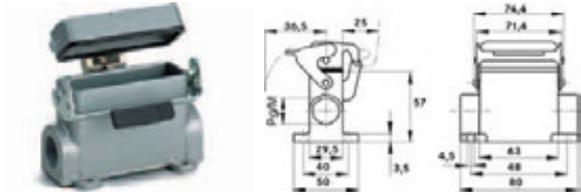
Part number	Part	M	PG	Pieces / PU
<b>H-A housing: Surface mount base (1 cable entry, single lever)</b>				
10448100	H-A 10 SGR-LB 16		16	5
10448000	H-A 10 SGR-LB 21		21	5
19448100	H-A 10 SGR-LB M20	20		5
19448000	H-A 10 SGR-LB M25	25		5
<b>H-A housing: Surface mount base (2 cable entries, single lever)</b>				
10450100	H-A 10 SGRL-LB 16		16	5
19450100	H-A 10 SGRL-LB M20	20		5

Photographs are not to scale and do not represent detailed images of the respective products.

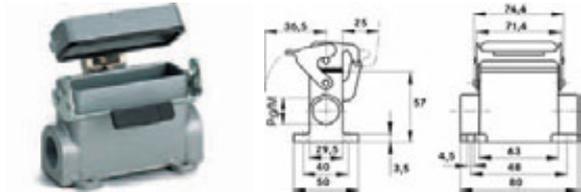
**Accessories**

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

EPIC® H-A 10 SDR-LB



EPIC® H-A 10 SDRL-LB



Benefits

- Small and space-saving for narrow available space

Application range

- Machine and apparatus construction
- Control engineering
- Electronic laboratory

Product features

EPIC® H-A 10 SDR-LB

- Surface mount base
- Single lever
- 1 cable entry
- Metal cover

EPIC® H-A 10 SDRL-LB

- Surface mount base
- Single lever
- 2 cable entries
- Metal cover

Suitable inserts

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

Technical data



Material

Housing:  
Aluminium alloy grey  
Lever:  
Steel, zinc-plated



Degree of protection

IP 65 (latched)



Range of temperature

-40°C - +100°C, temporary up to +125°C

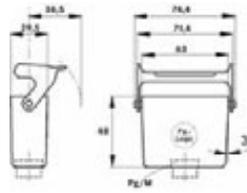
Part number	Part	M	PG	Pieces / PU
<b>H-A housing: Surface mount base (cover, 1 cable entry, single lever)</b>				
70455200	H-A 10 SDR-LB 16		16	5
70455400	H-A 10 SDR-LB 21		21	5
79455200	H-A 10 SDR-LB M20	20		5
79455400	H-A 10 SDR-LB M25	25		5
<b>H-A housing: Surface mount base (cover, 2 cable entries, single lever)</b>				
70456200	H-A 10 SDRL-LB 16		16	5
70456400	H-A 10 SDRL-LB 21		21	5
79456200	H-A 10 SDRL-LB M20	20		5
79456400	H-A 10 SDRL-LB M25	25		5

Photographs are not to scale and do not represent detailed images of the respective products.

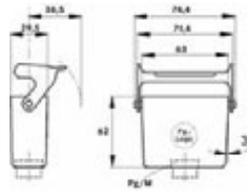
Accessories

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

**EPIC® H-A 10 TBF-LB**



**EPIC® H-A 10 TBFH-LB**



**Benefits**

- Small and space-saving for narrow available space

**Application range**

- Machine and apparatus construction
- Control engineering
- Electronic laboratory

**Product features**

**EPIC® H-A 10 TBF-LB**

- Cable coupler hood, low version
- Single lever
- Straight cable entry
- Versions with / without neck

**EPIC® H-A 10 TBFH-LB**

- Cable coupler hood, high version
- Single lever
- Straight cable entry
- Versions with / without neck

**Suitable inserts**

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**



**Material**  
Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



**Degree of protection**  
IP 65 (latched)



**Range of temperature**  
-40°C - +100°C, temporary up to +125°C

Part number	Part	M	PG	Neck	Pieces / PU
<b>H-A housing: Cable coupler hood (straight cable entry, single lever)</b>					
10439000	H-A 10 TBF-LB 13,5		13.5	yes	5
70450000	H-A 10 TBF-LB 16		16	yes	5
19439000	H-A 10 TBF-LB M20	20		yes	5
79450000	H-A 10 TBF-LB M25	25		yes	5
<b>H-A housing: Cable coupler hood (straight cable entry, single lever, high version)</b>					
70450400	H-A 10 TBFH-LB 21		21	yes	5
79450400	H-A 10 TBFH-LB M25	25		yes	5

Photographs are not to scale and do not represent detailed images of the respective products.

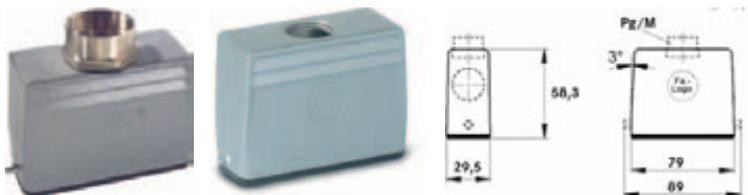
**Accessories**

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

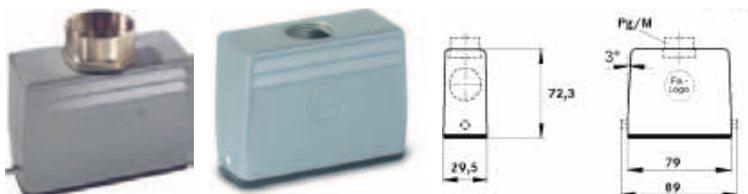
Rectangular connectors

EPIC® H-A 16 Housings

EPIC® H-A 16 TG



EPIC® H-A 16 TGH



Benefits

- Small and compact. For applications with a higher number of contacts

Application range

- Machine and apparatus construction
- Control engineering
- Electronic laboratory

Product features

EPIC® H-A 16 TG

- Hood, low version
- Bolts for single lever
- Straight cable entry
- Versions with / without neck

EPIC® H-A 16 TGH

- Hood, high version
- Bolts for single lever
- Straight cable entry
- Versions with / without neck

Suitable inserts

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

Technical data

	<b>Material</b> Housing: aluminium alloy powder-coated grey Sealing: NBR
	<b>Degree of protection</b> IP 65 (latched)
	<b>Range of temperature</b> -40°C - +100°C, temporary up to +125°C

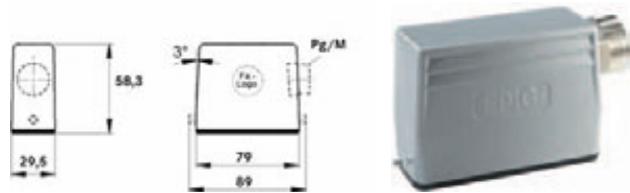
Part number	Part	M	PG	Neck	Pieces / PU
<b>H-A housing: Hood (straight cable entry, bolts for single lever)</b>					
10565000	H-A 16 TG 16		16	yes	5
10565300	H-A 16 TG 21		21	yes	5
19565000	H-A 16 TG M20	20			5
19565300	H-A 16 TG M25	25			5
<b>H-A housing: Hood (straight cable entry, bolts for single lever, high version)</b>					
70490200	H-A 16 TGH 16		16	yes	5
70490400	H-A 16 TGH 21		21	yes	5
79490200	H-A 16 TGH M20	20			5
79490400	H-A 16 TGH M25	25			5

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

**EPIC® H-A 16 TS**



**EPIC® H-A 16 TSH**



**Benefits**

- Small and compact. For applications with a higher number of contacts

**Application range**

- Machine and apparatus construction
- Control engineering
- Electronic laboratory

**Product features**

**EPIC® H-A 16 TS**

- Hood, low version
- Bolts for single lever
- Side cable entry
- Versions with neck

**EPIC® H-A 16 TSH**

- Hood, high version
- Bolts for single lever
- Side cable entry
- Versions with / without neck

**Suitable inserts**

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**

- Material**  
Housing: aluminium alloy powder-coated grey  
Sealing: NBR
- Degree of protection**  
IP 65 (latched)
- Range of temperature**  
-40°C - +100°C, temporary up to +125°C

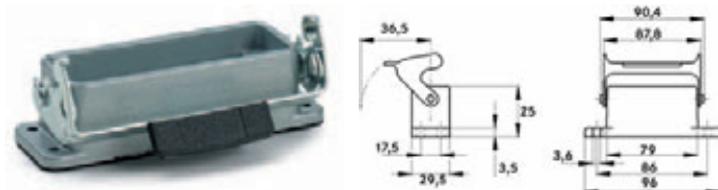
Part number	Part	M	PG	Neck	Pieces / PU
<b>H-A housing: Hood (side cable entry, bolts for single lever)</b>					
10564000	H-A 16 TS 16		16	yes	5
10564500	H-A 16 TS Z1		Z1	yes	5
19564000	H-A 16 TS M20	20		yes	5
19564500	H-A 16 TS M25	25		yes	5
<b>H-A housing: Hood (side cable entry, bolts for single lever, high version)</b>					
70492200	H-A 16 TSH 16		16	yes	5
70492400	H-A 16 TSH Z1		Z1	yes	5
79492200	H-A 16 TSH M20	20			5
79492400	H-A 16 TSH M25	25			5

Photographs are not to scale and do not represent detailed images of the respective products.

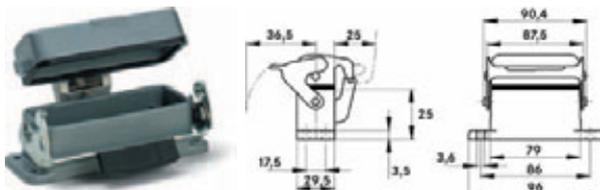
**Accessories**

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

## EPIC® H-A 16 AG-LB



## EPIC® H-A 16 AD-LB



### Benefits

- Small and compact. For applications with a higher number of contacts

### Application range

- Machine and apparatus construction
- Control engineering
- Electronic laboratory

### Product features

#### EPIC® H-A 16 AG-LB

- Panel mount base
- Single lever
- Including flat gasket

#### EPIC® H-A 16 AD-LB

- Panel mount base
- Single lever
- Metal cover
- Including flat gasket

### Suitable inserts

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

### Technical data



#### Material

Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



#### Degree of protection

IP 65 (latched)



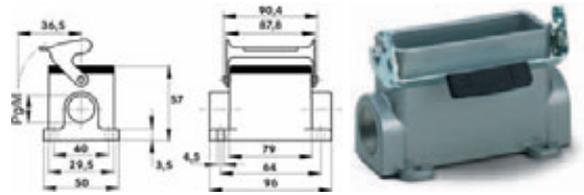
#### Range of temperature

-40°C - +100°C, temporary up to +125°C

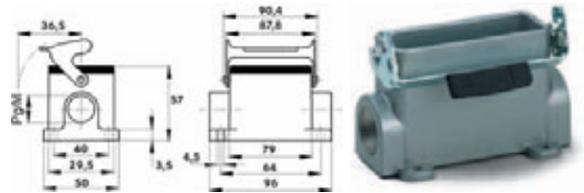
Part number	Part	Pieces / PU
<b>H-A housing: Panel mount base (single lever)</b>		
10462000	H-A 16 AG-LB	5
<b>H-A housing: Panel mount base (cover, single lever)</b>		
70474000	H-A 16 AD-LB	5

Photographs are not to scale and do not represent detailed images of the respective products.

**EPIC® H-A 16 SGR-LB**



**EPIC® H-A 16 SGRL-LB**



**Benefits**

- Small and compact. For applications with a higher number of contacts

**Application range**

- Machine and apparatus construction
- Control engineering
- Electronic laboratory

**Product features**

**EPIC® H-A 16 SGR-LB**

- Surface mount base
- Single lever
- 1 cable entry

**EPIC® H-A 16 SGRL-LB**

- Surface mount base
- Single lever
- 2 cable entries

**Suitable inserts**

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**



**Material**

Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



**Degree of protection**

IP 65 (latched)



**Range of temperature**

-40°C - +100°C, temporary up to +125°C

Part number	Part	M	PG	Pieces / PU
<b>H-A housing: Surface mount base (1 cable entry, single lever)</b>				
10567100	H-A 16 SGR-LB 16		16	5
10567000	H-A 16 SGR-LB 21		21	5
19567100	H-A 16 SGR-LB M20	20		5
19567000	H-A 16 SGR-LB M25	25		5
<b>H-A housing: Surface mount base (2 cable entries, single lever)</b>				
10568100	H-A 16 SGRL-LB 16		16	5
10568000	H-A 16 SGRL-LB 21		21	5
19568100	H-A 16 SGRL-LB M20	20		5
19568000	H-A 16 SGRL-LB M25	25		5

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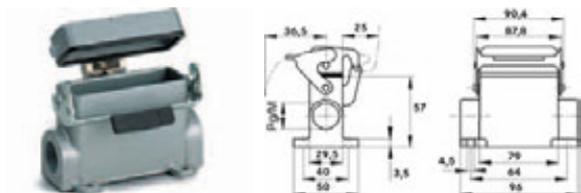
**Accessories**

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

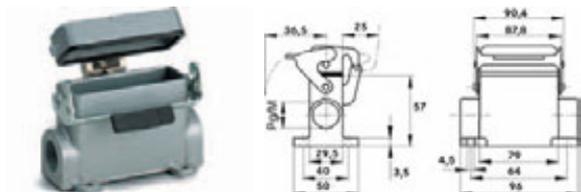
Rectangular connectors

EPIC® H-A 16 Housings

EPIC® H-A 16 SDR-LB



EPIC® H-A 16 SDRL-LB



Benefits

- Small and compact. For applications with a higher number of contacts

Application range

- Machine and apparatus construction
- Control engineering
- Electronic laboratory

Product features

EPIC® H-A 16 SDR-LB

- Surface mount base
- Single lever
- 1 cable entry
- Metal cover

EPIC® H-A 16 SDRL-LB

- Surface mount base
- Single lever
- 2 cable entries
- Metal cover

Suitable inserts

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

Technical data

**Material**  
 Housing: aluminium alloy powder-coated grey  
 Lever: steel, zinc-plated  
 Sealing: NBR

**Degree of protection**  
 IP 65 (latched)

**Range of temperature**  
 -40°C - +100°C, temporary up to +125°C

Part number	Part	M	PG	Pieces / PU
<b>H-A housing: Surface mount base (cover, 1 cable entry, single lever)</b>				
70485200	H-A 16 SDR-LB 16		16	5
70485400	H-A 16 SDR-LB 21		21	5
79485200	H-A 16 SDR-LB M20	20		5
79485400	H-A 16 SDR-LB M25	25		5
<b>H-A housing: Surface mount base (cover, 2 cable entries, single lever)</b>				
70486200	H-A 16 SDRL-LB 16		16	5
70486400	H-A 16 SDRL-LB 21		21	5
79486400	H-A 16 SDRL-LB M25	25		5

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

**EPIC® H-A 16 TBF-LB**



**EPIC® H-A 16 TBFH-LB**



**Benefits**

- Small and compact. For applications with a higher number of contacts

**Application range**

- Machine and apparatus construction
- Control engineering
- Electronic laboratory

**Product features**

**EPIC® H-A 16 TBF-LB**

- Cable coupler hood, low version
- Single lever
- Straight cable entry
- Versions with / without neck

**EPIC® H-A 16 TBFH-LB**

- Cable coupler hood, high version
- Single lever
- Straight cable entry
- Versions with / without neck

**Suitable inserts**

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**



**Material**

Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



**Degree of protection**

IP 65 (latched)



**Range of temperature**

-40°C - +100°C, temporary up to +125°C

Part number	Part	M	PG	Neck	Pieces / PU
<b>H-A housing: Cable coupler hood (straight cable entry, single lever)</b>					
10563000	H-A 16 TBF-LB 16		16	yes	5
19563000	H-A 16 TBF-LB M20	20			5
19563200	H-A 16 TBF-LB M25	25			5
<b>H-A housing: Cable coupler hood (straight cable entry, single lever, high version)</b>					
70480200	H-A 16 TBFH-LB 16		16	yes	5
70480400	H-A 16 TBFH-LB 21		21	yes	5
79480200	H-A 16 TBFH-LB M20	20			5
79480400	H-A 16 TBFH-LB M25	25			5

Photographs are not to scale and do not represent detailed images of the respective products.

**Accessories**

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

## EPIC® H-A 32 TG



## EPIC® H-A 32 TGB



### Benefits

- For two inserts of the small H-A, H-D and sTA series. Space-saving

### Application range

- Machine and apparatus construction
- Control engineering

### Product features

#### EPIC® H-A 32 TG

- Hood
- Bolts for double levers
- Straight cable entry
- Versions with / without neck

### EPIC® H-A 32 TGB

- Hood
- Double levers
- Straight cable entry
- Versions with / without neck

### Suitable inserts

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

### Technical data



#### Material

Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



#### Degree of protection

IP 65 (latched)



#### Range of temperature

-40°C - +100°C, temporary up to +125°C

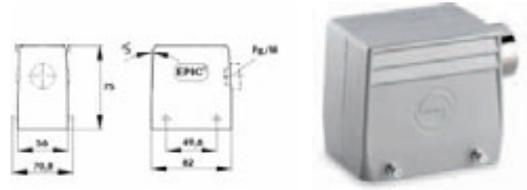
Part number	Part	M	PG	Neck	Pieces / PU
<b>H-A housing: Hood (straight cable entry, bolts for double lever)</b>					
10582000	H-A 32 TG 21		21	yes	5
10582001	H-A 32 TG 21		21		5
10583000	H-A 32 TG 29		29	yes	5
19582000	H-A 32 TG M25	25			5
19583000	H-A 32 TG M32	32			5
79520600	H-A 32 TG M40	40			5
<b>H-A housing: Hood (straight cable entry, double lever)</b>					
10585000	H-A 32 TGB 29		29	yes	5
19585000	H-A 32 TGB M32	32			5
79525800	H-A 32 TGB M40	40			5

Photographs are not to scale and do not represent detailed images of the respective products.

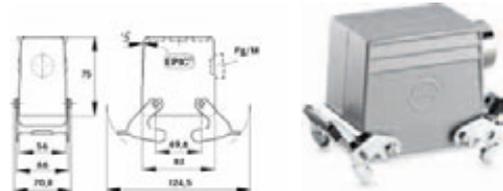
### Accessories

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

**EPIC® H-A 32 TS**



**EPIC® H-A 32 TSB**



**Benefits**

- For two inserts of the small H-A, H-D and sTA series. Space-saving

**Application range**

- Machine and apparatus construction
- Control engineering

**Product features**

**EPIC® H-A 32 TS**

- Hood
- Bolts for double levers
- Side cable entry
- Versions with / without neck

**EPIC® H-A 32 TSB**

- Hood
- Double levers
- Side cable entry
- Versions with / without neck

**Suitable inserts**

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**



**Material**  
Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



**Degree of protection**  
IP 65 (latched)



**Range of temperature**  
-40°C - +100°C, temporary up to +125°C

Part number	Part	M	PG	Neck	Pieces / PU
<b>H-A housing: Hood (side cable entry, bolts for double lever)</b>					
10576000	H-A 32 TS 29		21	yes	5
10576200	H-A 32 TS 29		21		5
10577000	H-A 32 TS 29		29	yes	5
19576000	H-A 32 TS M25	25			5
19577000	H-A 32 TS M32	32			5
19577500	H-A 32 TS M40	40			5
<b>H-A housing: Hood (side cable entry, double lever)</b>					
10578000	H-A 32 TSB 21		21	yes	5
10579000	H-A 32 TSB 29		29	yes	5
19578000	H-A 32 TSB M25	25			5
19579000	H-A 32 TSB M32	32			5

Photographs are not to scale and do not represent detailed images of the respective products.

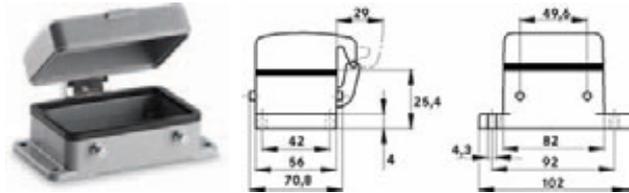
**Accessories**

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

## EPIC® H-A 32 AG



## EPIC® H-A 32 AD-BO



### Benefits

- For two inserts of the small H-A, H-D and sTA series. Space-saving

### Application range

- Machine and apparatus construction
- Control engineering

### Product features

#### EPIC® H-A 32 AG

- Panel mount base
- Double levers
- Including flat gasket

#### EPIC® H-A 32 AD-BO

- Panel mount base
- Bolts for double levers
- Metal cover
- Including flat gasket

### Suitable inserts

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

### Technical data



#### Material

Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



#### Degree of protection

IP 65 (latched)



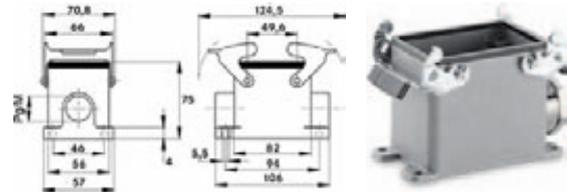
#### Range of temperature

-40°C - +100°C, temporary up to +125°C

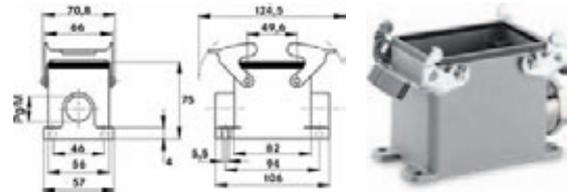
Part number	Part	Pieces / PU
<b>H-A housing: Panel mount base (double lever)</b>		
10472000	H-A 32 AG	5
<b>H-A housing: Panel mount base (cover, bolts for double lever)</b>		
70503000	H-A 32 AD-BO	5

Photographs are not to scale and do not represent detailed images of the respective products.

**EPIC® H-A 32 SGR**



**EPIC® H-A 32 SGRL**



**Benefits**

**EPIC® H-A 32 SGR**

- For two inserts of the small H-A, H-D and sTA series. Space-saving

**Application range**

**EPIC® H-A 32 SGR**

- Machine and apparatus construction
- Control engineering

**Product features**

**EPIC® H-A 32 SGR**

- Surface mount base
- Double levers
- 1 cable entry

**EPIC® H-A 32 SGRL**

- Surface mount base
- Double levers
- 2 cable entries

**Suitable inserts**

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**



**Material**

Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



**Degree of protection**

IP 65 (latched)



**Range of temperature**

-40°C - +100°C, temporary up to +125°C

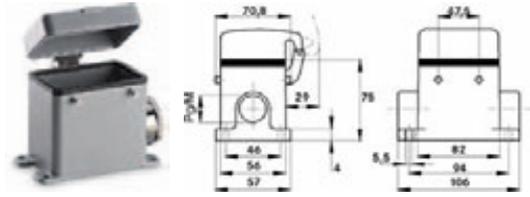
Part number	Part	M	PG	Neck	Pieces / PU
<b>H-A housing: Surface mount base (1 cable entry, double lever)</b>					
10474000	H-A 32 SGR 21		21	yes	5
10474100	H-A 32 SGR 29		29	yes	5
19474000	H-A 32 SGR M25	25		yes	5
19474100	H-A 32 SGR M32	32		yes	5
<b>H-A housing: Surface mount base (2 cable entries, double lever)</b>					
10482000	H-A 32 SGRL 21		21	yes	5
19482000	H-A 32 SGRL M25	25		yes	5
79506800	H-A 32 SGRL M40	40			5

Photographs are not to scale and do not represent detailed images of the respective products.

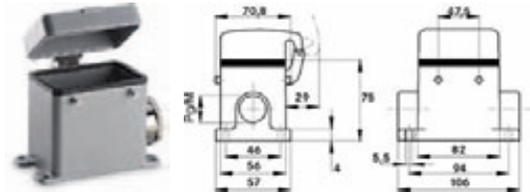
**Accessories**

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

## EPIC® H-A 32 SDR-BO



## EPIC® H-A 32 SDRL-BO



### Benefits

- For two inserts of the small H-A, H-D and sTA series. Space-saving

### Application range

- Machine and apparatus construction
- Control engineering

### Product features

#### EPIC® H-A 32 SDR-BO

- Surface mount base
- Bolts for double levers
- 1 cable entry
- Metal cover

#### EPIC® H-A 32 SDRL-BO

- Surface mount base
- Bolts for double levers
- 2 cable entries
- Metal cover

### Suitable inserts

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

### Technical data



#### Material

Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



#### Degree of protection

IP 65 (latched)



#### Range of temperature

-40°C - +100°C, temporary up to +125°C

Part number	Part	M	PG	Neck	Pieces / PU
<b>H-A housing: Surface mount base (cover, 1 cable entry, bolts for double lever)</b>					
70515200	H-A 32 SDR-BO 21		21	yes	5
70515400	H-A 32 SDR-BO 29		29	yes	5
79515200	H-A 32 SDR-BO M25			yes	5
79515400	H-A 32 SDR-BO M32			yes	5
<b>H-A housing: Surface mount base (cover, 2 cable entries, bolts for double lever)</b>					
70516200	H-A 32 SDRL-BO 21		21	yes	5
70516400	H-A 32 SDRL-BO 29		29	yes	5
79516200	H-A 32 SDRL-BO M25	25		yes	5
79516400	H-A 32 SDRL-BO M32	32		yes	5

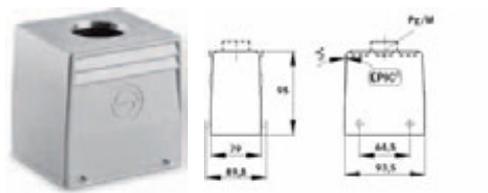
Photographs are not to scale and do not represent detailed images of the respective products.

### Accessories

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS



## EPIC® H-A 48 TG



## EPIC® H-A 48 TS



### Benefits

- Three different inserts, each suitable for housing type H-A 16, can be integrated in one housing. High flexibility

### Application range

- Machine and apparatus construction
- Control engineering

### Product features

#### EPIC® H-A 48 TG

- Hood
- Bolts for double levers
- Straight cable entry
- Versions with / without neck

#### EPIC® H-A 48 TS

- Hood
- Bolts for double levers
- Side cable entry
- Versions with / without neck

### Suitable inserts

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

### Technical data



#### Material

Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



#### Degree of protection

IP 65 (latched)



#### Range of temperature

-40°C - +100°C, temporary up to +125°C

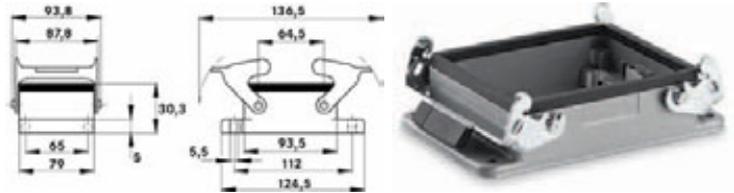
Part number	Part	M	PG	Neck	Pieces / PU
<b>H-A housing: Hood (straight cable entry, bolts for double lever)</b>					
10631800	H-A 48 TG 29		29	yes	1
10631900	H-A 48 TG 29		29		1
19631800	H-A 48 TG M32	32			1
19636600	H-A 48 TG M40	40			1
<b>H-A housing: Hood (side cable entry, bolts for double lever)</b>					
10630800	H-A 48 TS 29		29	yes	1
10630900	H-A 48 TS 29		29		1
19630800	H-A 48 TS M32	32			1
19635600	H-A 48 TS M40	40			1

Photographs are not to scale and do not represent detailed images of the respective products.

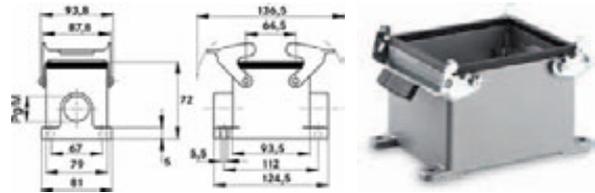
### Accessories

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

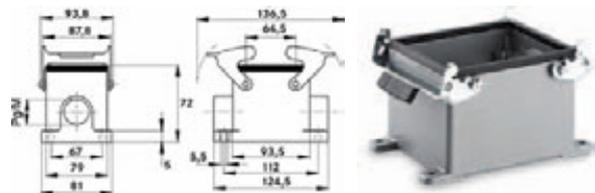
**EPIC® H-A 48 AG**



**EPIC® H-A 48 SGR**



**EPIC® H-A 48 SGRL**



**Benefits**

- Three different inserts, each suitable for housing type H-A 16, can be integrated in one housing. High flexibility

**Application range**

- Machine and apparatus construction
- Control engineering

**Product features**

- EPIC® H-A 48 AG
  - Panel mount base
  - Double levers
  - Including flat gasket

**EPIC® H-A 48 SGR**

- Surface mount base
- Double levers
- 1 cable entry

**EPIC® H-A 48 SGRL**

- Surface mount base
- Double levers
- 2 cable entries

**Suitable inserts**

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**

**Material**  
 Housing: aluminium alloy powder-coated grey  
 Lever: steel, zinc-plated  
 Sealing: NBR

**IP**  
 Degree of protection  
 IP 65 (latched)

**Range of temperature**  
 -40°C - +100°C, temporary up to +125°C

Part number	Part	M	PG	Neck	Pieces / PU
<b>H-A housing: Panel mount base (double lever)</b>					
10625500	H-A 48 AG				1
<b>H-A housing: Surface mount base (1 cable entry, double lever)</b>					
10633800	H-A 48 SGR 29		29	yes	1
19633800	H-A 48 SGR M32	32		yes	1
19638600	H-A 48 SGR M40	40			1
<b>H-A housing: Surface mount base (2 cable entries, double lever)</b>					
19639600	H-A 48 SGRL M40	40			1

Photographs are not to scale and do not represent detailed images of the respective products.

**Accessories**

**EPIC® H-A 48 SGR**

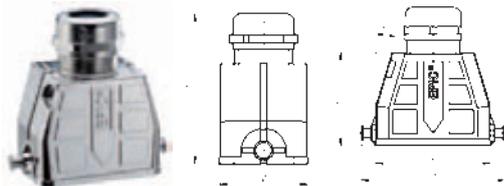
- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

**EPIC® H-A 48 SGRL**

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

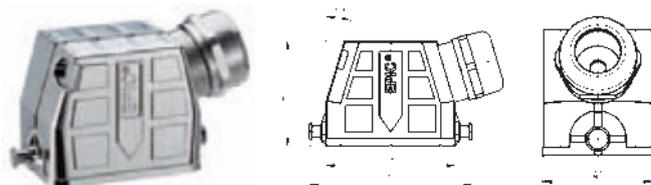
**New**

**EPIC® ULTRA H-B 6 TG LB**



**New**

**EPIC® ULTRA H-B 6 TS LB**



**RoHS** ✓

**Info**

- EMC protection
- Corrosion resistant
- SKINTOP® cable gland integrated

**RoHS** ✓

**Info**

- EMC protection
- Corrosion resistant
- SKINTOP® cable gland integrated

**Benefits**

- Optimal, low-resistance 360° screening
- All-purpose due to high corrosion resistance and a high environmental protection
- Space saving because of compact dimensions
- Faster than any other comparable system
- For higher mechanical stress

**Application range**

- In EMC critical environments
- For fixed and flexible applications in the field of machinery building and wind power plant engineering
- Construction machinery
- Drives

**Product features**

- The hoods and surface mount base come with integrated SKINTOP® cable gland
- Housings with addition BRUSH come with BRUSH cable screen contacting
- Mateable with standard housings
- Corrosion resistant according to DIN EN 6988
- Saltspraytest according to IEC 68-2-52 severity level 2

**Suitable inserts**

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**

**Material**  
 Housing: zinc die cast nickel plated  
 Lever and bolts: stainless steel  
 Sealing: NBR  
 Cable gland  
 Body: Nickel plated brass  
 Insert: PA  
 Seal: special elastomer

**Degree of protection**  
 IP 65

**Range of temperature**  
 -40°C up to +100°C

Part number	Part	Cable clamping range mm	Minimum Ø above braiding in mm	Pieces / PU
<b>H-B housing: Hood (straight cable entry, bolts for single lever)</b>				
70250200	ULTRA H-B 6 TG LB 6-13	6 - 13		1
70250201	ULTRA H-B 6 TG LB 9-17	9 - 17		1
70250202	ULTRA H-B 6 TG LB 9-17 BRUSH	9 - 17	6	1
<b>H-B housing: Hood (side cable entry, bolts for single lever)</b>				
70250203	ULTRA H-B 6 TS LB 6-13	6 - 13		1
70250204	ULTRA H-B 6 TS LB 9-17	9 - 17		1
70250205	ULTRA H-B 6 TS LB 9-17 BRUSH	9 - 17	6	1

**Accessories**

- FLEXIMARK® ULTRA L 12X8,5

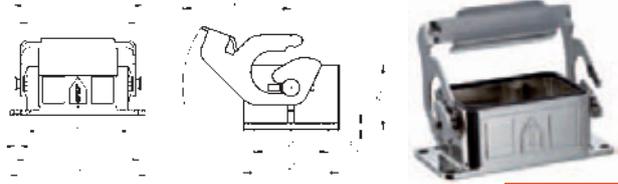
**New**

**EPIC® ULTRA H-B 6 AG LB**



**Info**

- EMC protection
- Corrosion resistant
- SKINTOP® cable gland integrated



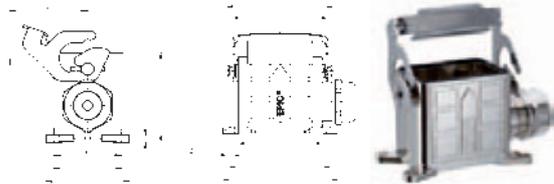
**New**

**EPIC® ULTRA H-B 6 SGR LB**



**Info**

- EMC protection
- Corrosion resistant
- SKINTOP® cable gland integrated



**Benefits**

- Optimal, low-resistance 360° screening
- All-purpose due to high corrosion resistance and a high environmental protection
- Space saving because of compact dimensions
- Faster than any other comparable system
- For higher mechanical stress

**Application range**

- In EMC critical environments
- For fixed and flexible applications in the field of machinery building and wind power plant engineering
- Construction machinery
- Drives

**Product features**

- The hoods and surface mount base come with integrated SKINTOP® cable gland
- Housings with addition BRUSH come with BRUSH cable screen contacting
- Mateable with standard housings
- Corrosion resistant according to DIN EN 6988
- Saltspraytest according to IEC 68-2-52 severity level 2

**Suitable inserts**

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**

**Material**  
 Housing: zinc die cast nickel plated  
 Lever and bolts: stainless steel  
 Sealing: NBR  
 Cable gland  
 Body: Nickel plated brass  
 Insert: PA  
 Seal: special elastomer

**IP Degree of protection**  
 IP 65

**Range of temperature**  
 -40°C up to +100°C

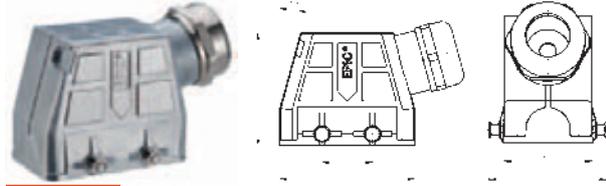
Part number	Part	Cable clamping range mm	Minimum Ø above braiding in mm	Pieces / PU
<b>H-B housing: Panel mount base (single lever)</b>				
70250206	ULTRA H-B 6 AG LB			1
<b>H-B housing: Surface mount base (1 cable entry, single lever)</b>				
70250207	ULTRA H-B 6 SGR LB 6-13	6 - 13		1
70250208	ULTRA H-B 6 SGR LB 9-17	9 - 17		1
70250209	ULTRA H-B 6 SGR LB 9-17 BRUSH	9 - 17	6	1

**Accessories**

- FLEXIMARK® ULTRA L 12X8,5

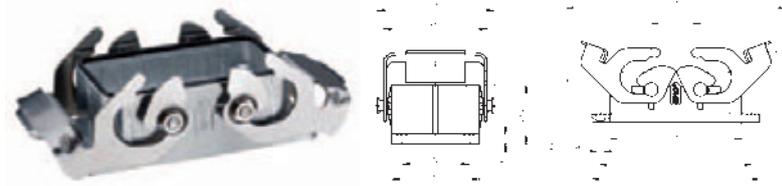
New

## EPIC® ULTRA H-B 10 TS QB



New

## EPIC® ULTRA H-B 10 AG QB



RoHS



Info

- EMC protection
- Corrosion resistant
- SKINTOP® cable gland integrated

RoHS



Info

- EMC protection
- Corrosion resistant
- SKINTOP® cable gland integrated

### Benefits

- Optimal, low-resistance 360° screening
- All-purpose due to high corrosion resistance and a high environmental protection
- Space saving because of compact dimensions
- Faster than any other comparable system
- For higher mechanical stress

### Application range

- In EMC critical environments
- For fixed and flexible applications in the field of machinery building and wind power plant engineering
- Construction machinery
- Drives

### Product features

- The hoods and surface mount base come with integrated SKINTOP® cable gland
- Housings with addition BRUSH come with BRUSH cable screen contacting
- Mateable with standard housings
- Corrosion resistant according to DIN EN 6988
- Saltspraytest according to IEC 68-2-52 severity level 2

### Suitable inserts

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

### Technical data



#### Material

Housing: zinc die cast nickel plated  
Lever and bolts: stainless steel  
Sealing: NBR  
Cable gland  
Body: Nickel plated brass  
Insert: PA  
Seal: special elastomer



#### Degree of protection

IP 65



#### Range of temperature

-40°C up to +100°C

Part number	Part	Cable clamping range mm	Minimum Ø above braiding in mm	Pieces / PU
<b>H-B housing: Hood (side cable entry, bolts for double lever)</b>				
70250210	ULTRA H-B 10 TS QB 7-15	7 - 15		1
70250211	ULTRA H-B 10 TS QB 11-21	11 - 21		1
70250212	ULTRA H-B 10 TS QB 11-21 BRUSH	11 - 21	8	1
<b>H-B housing: Panel mount base (double lever)</b>				
70250213	ULTRA H-B 10 AG QB			1

### Accessories

- FLEXIMARK® ULTRA L 12X8,5

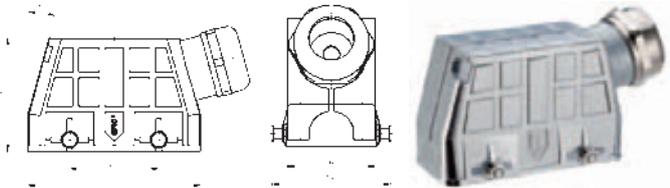
**New**

**EPIC® ULTRA H-B 16 TS QB**



**Info**

- EMC protection
- Corrosion resistant
- SKINTOP® cable gland integrated



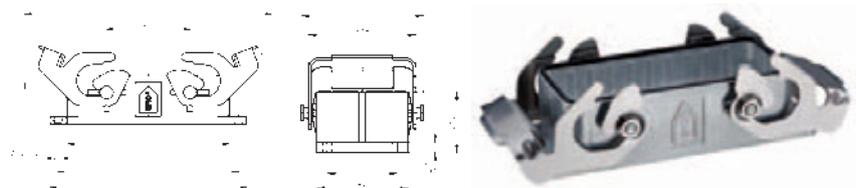
**New**

**EPIC® ULTRA H-B 16 AG QB**



**Info**

- EMC protection
- Corrosion resistant
- SKINTOP® cable gland integrated



**Benefits**

- Optimal, low-resistance 360° screening
- All-purpose due to high corrosion resistance and a high environmental protection
- Space saving because of compact dimensions
- Faster than any other comparable system
- For higher mechanical stress

**Application range**

- Construction machinery
- In EMC critical environments
- For fixed and flexible applications in the field of machinery building and wind power plant engineering
- Drives

**Product features**

- The hoods and surface mount base come with integrated SKINTOP® cable gland
- Housings with addition BRUSH come with BRUSH cable screen contacting
- Mateable with standard housings
- Corrosion resistant according to DIN EN 6988
- Saltspraytest according to IEC 68-2-52 severity level 2

**Suitable inserts**

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**

**Material**  
 Housing: zinc die cast nickel plated  
 Lever and bolts: stainless steel  
 Sealing: NBR  
 Cable gland  
 Body: Nickel plated brass  
 Insert: PA  
 Seal: special elastomer

**IP** Degree of protection  
 IP 65

**Range of temperature**  
 -40°C up to +100°C

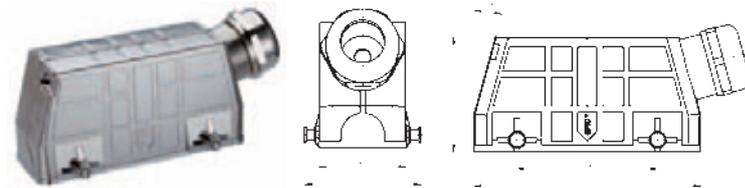
Part number	Part	Cable clamping range mm	Minimum Ø above braiding in mm	Pieces / PU
<b>H-B housing: Hood (side cable entry, bolts for double lever)</b>				
70250214	ULTRA H-B 16 TS QB 7-15	7 - 15		1
70250215	ULTRA H-B 16 TS QB 11-21	11 - 21		1
70250216	ULTRA H-B 16 TS QB 11-21 BRUSH	11 - 21	8	1
<b>H-B housing: Panel mount base (double lever)</b>				
70250217	ULTRA H-B 16 AG QB			1

**Accessories**

- EPIC® ULTRA H-B 16 AG QB**
- FLEXIMARK® ULTRA L 12X8,5

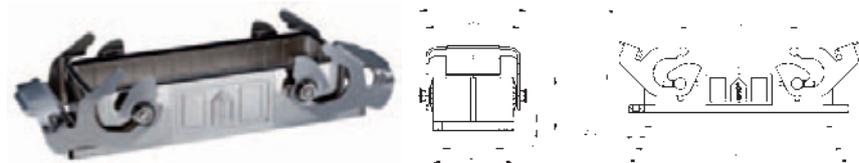
New

## EPIC® ULTRA H-B 24 TS QB



New

## EPIC® ULTRA H-B 24 AG QB



RoHS



Info

- EMC protection
- Corrosion resistant
- SKINTOP® cable gland integrated

RoHS



Info

- EMC protection
- Corrosion resistant
- SKINTOP® cable gland integrated

### Benefits

- Optimal, low-resistance 360° screening
- All-purpose due to high corrosion resistance and a high environmental protection
- Space saving because of compact dimensions
- Faster than any other comparable system
- For higher mechanical stress

### Application range

- In EMC critical environments
- For fixed and flexible applications in the field of machinery building and wind power plant engineering
- Construction machinery
- Drives

### Product features

- The hoods and surface mount base come with integrated SKINTOP® cable gland
- Housings with addition BRUSH come with BRUSH cable screen contacting
- Mateable with standard housings
- Corrosion resistant according to DIN EN 6988
- Saltspraytest according to IEC 68-2-52 severity level 2

### Suitable inserts

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

### Technical data



#### Material

Housing: zinc die cast nickel plated  
Lever and bolts: stainless steel  
Sealing: NBR  
Cable gland  
Body: Nickel plated brass  
Insert: PA  
Seal: special elastomer



#### Degree of protection

IP 65



#### Range of temperature

-40°C up to +100°C

Part number	Part	Cable clamping range mm	Minimum Ø above braiding in mm	Pieces / PU
<b>H-B housing: Hood (side cable entry, bolts for double lever)</b>				
70250219	ULTRA H-B 24 TS QB 7-15	7 - 15		1
70250220	ULTRA H-B 24 TS QB 11-21	11 - 21		1
70250221	ULTRA H-B 24 TS QB 11-21 BRUSH	11 - 21	8	1
<b>H-B housing: Panel mount base (double lever)</b>				
70250222	ULTRA H-B 24 AG QB			1

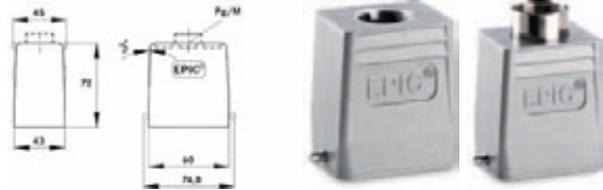
### Accessories

- FLEXIMARK® ULTRA L 12X8,5

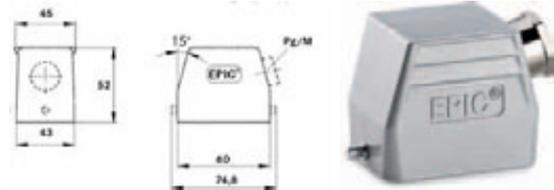
**EPIC® H-B 6 TG**



**EPIC® H-B 6 TGH**



**EPIC® H-B 6 TS**



**Benefits**

- The smallest housing out of the H-B series. For inserts with high electrical properties

**Application range**

- Plant engineering
- Control engineering
- Plastics industry

**Product features**

**EPIC® H-B 6 TG**

- Hood, low version
- Bolts for single lever
- Straight cable entry
- Versions with / without neck

**EPIC® H-B 6 TGH**

- Hood, high version
- Bolts for single lever
- Straight cable entry
- Versions with / without neck

**EPIC® H-B 6 TS**

- Hood, low version
- Bolts for single lever
- Side cable entry
- Versions with neck

**Suitable inserts**

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**

**Material**  
 Housing: aluminium alloy powder-coated grey  
 Lever: steel, zinc-plated  
 Sealing: NBR

**IP**  
 Degree of protection  
 IP 65 (latched)

**Range of temperature**  
 -40 °C - +100 °C, temporary up to +125 °C

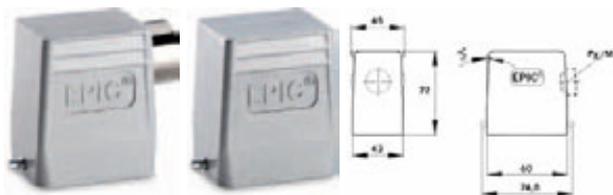
Part number	Part	M	PG	Neck	Pieces / PU
<b>H-B housing: Hood (straight cable entry, bolts for single lever)</b>					
10011000	H-B 6 TG 13,5		13.5	yes	10
10021000	H-B 6 TG 16		16	yes	10
19011000	H-B 6 TG M20	20			10
19021000	H-B 6 TG M25	25			10
<b>H-B housing: Hood (straight cable entry, bolts for single lever, high version)</b>					
70020200	H-B 6 TGH 21		21	yes	10
70020400	H-B 6 TGH 29		29	yes	10
79020200	H-B 6 TGH M25	25			10
79020400	H-B 6 TGH M32	32			10
<b>H-B housing: Hood (side cable entry, bolts for single lever)</b>					
10012000	H-B 6 TS 13,5		13.5	yes	10
10022000	H-B 6 TS 16		16	yes	10
19012000	H-B 6 TS M20	20		yes	10
19022000	H-B 6 TS M25	25		yes	10

Photographs are not to scale and do not represent detailed images of the respective products.

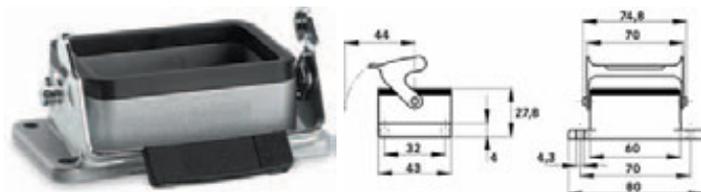
**Accessories**

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

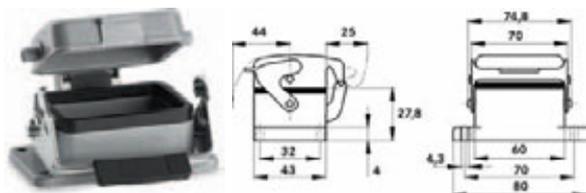
### EPIC® H-B 6 TSH



### EPIC® H-B 6 AG-LB



### EPIC® H-B 6 AD-LB



#### Benefits

- The smallest housing out of the H-B series. For inserts with high electrical properties

#### Application range

- Plant engineering
- Control engineering
- Plastics industry

#### Product features

##### EPIC® H-B 6 TSH

- Hood, high version
- Bolts for single lever
- Side cable entry
- Versions with / without neck

##### EPIC® H-B 6 AG-LB

- Panel mount base
- Single lever
- Including flat gasket

##### EPIC® H-B 6 AD-LB

- Panel mount base
- Single lever
- Metal cover
- Including flat gasket

#### Suitable inserts

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

#### Technical data



##### Material

Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



##### Degree of protection

IP 65 (latched)



##### Range of temperature

-40°C - +100°C, temporary up to +125°C

Part number	Part	M	PG	Neck	Pieces / PU
<b>H-B housing: Hood (side cable entry, bolts for single lever, high version)</b>					
70022200	H-B 6 TSH 21		21	yes	10
70022400	H-B 6 TSH 29		29	yes	10
79022200	H-B 6 TSH M25	25			10
79022400	H-B 6 TSH M32	32			10
<b>H-B housing: Panel mount base (single lever)</b>					
10003000	H-B 6 AG-LB				10
<b>H-B housing: Panel mount base (protective cover, single lever)</b>					
10004000	H-B 6 AD-LB				10

Photographs are not to scale and do not represent detailed images of the respective products.

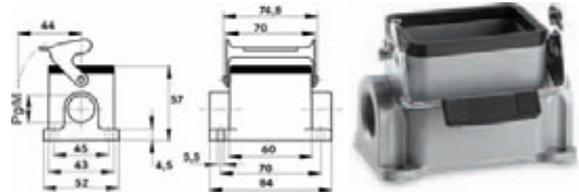
#### Accessories

##### EPIC® H-B 6 TSH

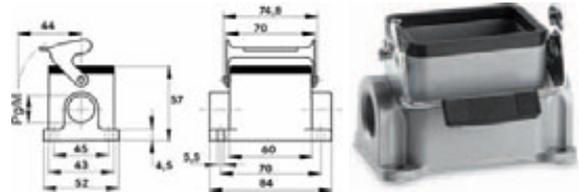
- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS



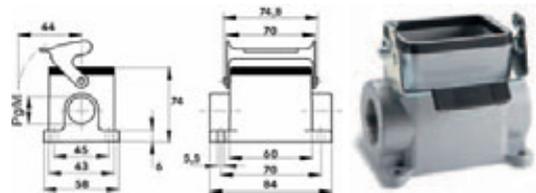
**EPIC® H-B 6 SGR-LB**



**EPIC® H-B 6 SGRL-LB**



**EPIC® H-B 6 SGRH-LB**



**Benefits**

- The smallest housing out of the H-B series. For inserts with high electrical properties

**Application range**

- Plant engineering
- Control engineering
- Plastics industry

**Product features**

**EPIC® H-B 6 SGR-LB**

- Surface mount base, low version
- Single lever
- 1 cable entry

**EPIC® H-B 6 SGRL-LB**

- Surface mount base, low version
- Single lever
- 2 cable entries

**EPIC® H-B 6 SGRH-LB**

- Surface mount base, high version
- Single lever
- 1 cable entry

**Suitable inserts**

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**



**Material**  
Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



**Degree of protection**  
IP 65 (latched)



**Range of temperature**  
-40 °C - +100 °C, temporary up to +125 °C

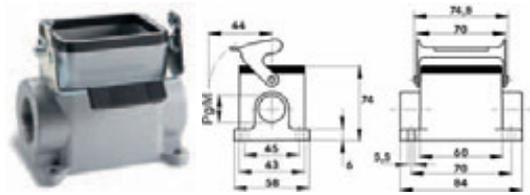
Part number	Part	M	PG	Pieces / PU
<b>H-B housing: Surface mount base (1 cable entry, single lever)</b>				
10005000	H-B 6 SGR 16		16	10
19005000	H-B 6 SGR M20	20		10
79005600	H-B 6 SGR M25	25		10
<b>H-B housing: Surface mount base (2 cable entries, single lever)</b>				
10006000	H-B 6 SGRL 16		16	10
19006000	H-B 6 SGRL M20	20		10
79006600	H-B 6 SGRL M25	25		10
<b>H-B housing: Surface mount base (1 cable entry, single lever, high version)</b>				
70005200	H-B 6 SGRH-LB 21		21	10
70005400	H-B 6 SGRH-LB 29		29	10
79005200	H-B 6 SGRH-LB M25	25		10
79005400	H-B 6 SGRH-LB M32	32		10

Photographs are not to scale and do not represent detailed images of the respective products.

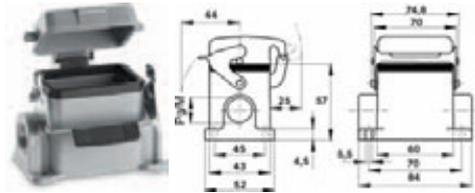
**Accessories**

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

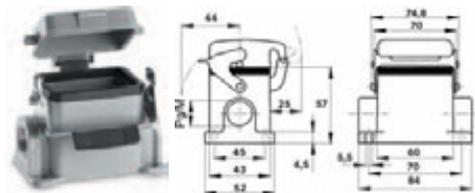
## EPIC® H-B 6 SGRLH-LB



## EPIC® H-B 6 SDR-LB



## EPIC® H-B 6 SDRL-LB



### Benefits

- The smallest housing out of the H-B series. For inserts with high electrical properties

### Application range

- Plant engineering
- Control engineering
- Plastics industry

### Product features

#### EPIC® H-B 6 SGRLH-LB

- Surface mount base, high version
- Single lever
- 2 cable entries

#### EPIC® H-B 6 SDR-LB

- Surface mount base, low version
- Single lever
- 1 cable entry
- Metal cover

#### EPIC® H-B 6 SDRL-LB

- Surface mount base, low version
- Single lever
- 2 cable entries
- Metal cover

### Suitable inserts

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

### Technical data



#### Material

Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



#### Degree of protection

IP 65 (latched)



#### Range of temperature

-40°C - +100°C, temporary up to +125°C

Part number	Part	M	PG	Pieces / PU
<b>H-B housing: Surface mount base (2 cable entries, single lever, high version)</b>				
70006200	H-B 6 SGRLH 21		21	10
79006200	H-B 6 SGRLH M25	25		10
79006400	H-B 6 SGRLH M32	32		10
<b>H-B housing: Surface mount base (cover, 1 cable entry, single lever)</b>				
10007000	H-B 6 SDR 16		16	10
19007000	H-B 6 SDR M20	20		10
79015600	H-B 6 SDR M25	25		10
<b>H-B housing: Surface mount base (cover, 2 cable entries, single lever)</b>				
10009000	H-B 6 SDRL-LB 16		16	10
19009000	H-B 6 SDRL-LB M20	20		10
79016600	H-B 6 SDRL-LB M25	25		10

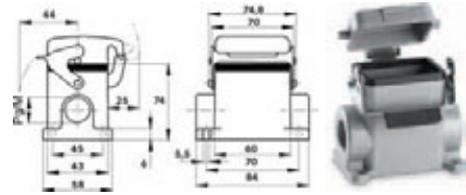
Photographs are not to scale and do not represent detailed images of the respective products.

### Accessories

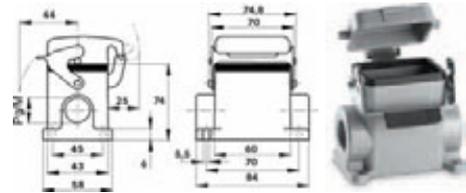
- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS



**EPIC® H-B 6 SDRH-LB**



**EPIC® H-B 6 SDRLH-LB**



**Benefits**

- The smallest housing out of the H-B series. For inserts with high electrical properties

**Application range**

- Plant engineering
- Control engineering
- Plastics industry

**Product features**

**EPIC® H-B 6 SDRH-LB**

- Surface mount base, high version
- Single lever
- 1 cable entry
- Metal cover

**EPIC® H-B 6 SDRLH-LB**

- Surface mount base, high version
- Single lever
- 2 cable entries
- Metal cover

**Suitable inserts**

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**



**Material**  
Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



**Degree of protection**  
IP 65 (latched)



**Range of temperature**  
-40°C - +100°C, temporary up to +125°C

Part number	Part	M	PG	Pieces / PU
<b>H-B housing: Surface mount base (cover, 1 cable entry, single lever, high version)</b>				
70015200	H-B 10 SDRH-LB 21		21	10
79015200	H-B 10 SDRH-LB M25	25		10
79015400	H-B 10 SDRH-LB M32	32		10
<b>H-B housing: Surface mount base (cover, 2 cable entries, single lever, high version)</b>				
70016200	H-B 6 SDRLH-LB 21		21	10
79016200	H-B 6 SDRLH-LB M25	25		10
79016400	H-B 6 SDRLH-LB M32	32		10

Photographs are not to scale and do not represent detailed images of the respective products.

**Accessories**

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

### EPIC® H-B 6 TBF-LB



### EPIC® H-B 6 TBFH-LB



#### Benefits

- The smallest housing out of the H-B series. For inserts with high electrical properties

#### Application range

- Plant engineering
- Control engineering
- Plastics industry

#### Product features

##### EPIC® H-B 6 TBF-LB

- Cable coupler hood, low version
- Single lever
- Straight cable entry
- Versions with / without neck

##### EPIC® H-B 6 TBFH-LB

- Cable coupler hood, high version
- Single lever
- Straight cable entry
- Versions with / without neck

#### Suitable inserts

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

#### Technical data



##### Material

Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



##### Degree of protection

IP 65 (latched)



##### Range of temperature

-40°C - +100°C, temporary up to +125°C

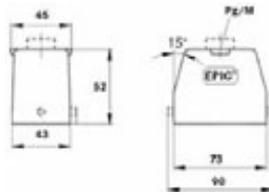
Part number	Part	M	PG	Neck	Pieces / PU
<b>H-B housing: Cable coupler hood (straight cable entry, single lever)</b>					
10014000	H-B 6 TBF 13,5		13.5	yes	10
10024000	H-B 6 TBF 16		16	yes	10
19014000	H-B 6 TBF M20	20			10
19024000	H-B 6 TBF M25	25			10
<b>H-B housing: Cable coupler hood (straight cable entry, single lever, high version)</b>					
70010200	H-B 6 TBFH 21		21	yes	10
70010400	H-B 6 TBFH 29		29	yes	10
79010200	H-B 6 TBFH M25	25			10

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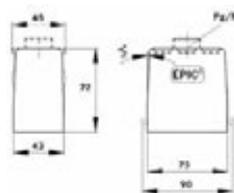
#### Accessories

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

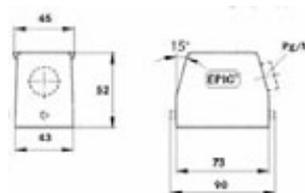
**EPIC® H-B 10 TG-RO**



**EPIC® H-B 10 TGH-RO**



**EPIC® H-B 10 TS-RO**



**Benefits**

- The smallest housing with single and double locking lever. For every application the right housing

**Application range**

- Plant engineering
- Light & Sound technology
- Plastics industry

**Product features**

**EPIC® H-B 10 TG-RO**

- Hood, low version
- Reels for single lever
- Versions with / without neck

**EPIC® H-B 10 TGH-RO**

- Hood, high version
- Reels for single lever
- Straight cable entry
- Versions with / without neck

**EPIC® H-B 10 TS-RO**

- Hood, low version
- Reels for single lever
- Side cable entry
- Versions with neck

**Suitable inserts**

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**



**Material**

**EPIC® H-B 10 TG-RO**

Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR

**EPIC® H-B 10 TGH-RO**

Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



**Degree of protection**

**EPIC® H-B 10 TG-RO**

IP 65 (latched)

**EPIC® H-B 10 TGH-RO**

IP 65 (latched)



**Range of temperature**

-40°C - +100°C, temporary up to +125°C

Part number	Part	M	PG	Neck	Pieces / PU
<b>H-B housing: Hood (straight cable entry, bolts for single lever)</b>					
10040900	H-B 10 TG-RO 16		16	yes	10
10040700	H-B 10 TG-RO 21		21	yes	10
19040900	H-B 10 TG-RO M20	20			10
19040700	H-B 10 TG-RO M25	25			10
<b>H-B housing: Hood (straight cable entry, bolts for single lever, high version)</b>					
70044200	H-B 10 TGH-RO 21		21	yes	10
70044400	H-B 10 TGH-RO 29		29	yes	10
79044200	H-B 10 TGH-RO M25	25			10
79044400	H-B 10 TGH-RO M32	32			10
<b>H-B housing: Hood (side cable entry, bolts for single lever)</b>					
10042900	H-B 10 TS-RO 16		16	yes	10
10042800	H-B 10 TS-RO 21		21	yes	10
19042900	H-B 10 TS-RO M20	20		yes	10
19042800	H-B 10 TS-RO M25	25		yes	10

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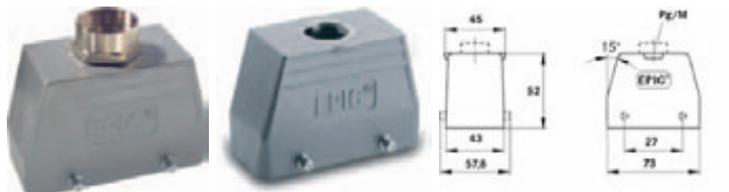
**Accessories**

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

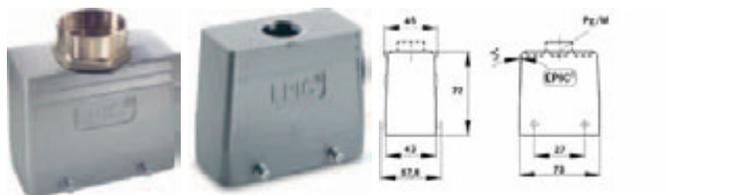
### EPIC® H-B 10 TSH-RO



### EPIC® H-B 10 TG



### EPIC® H-B 10 TGH



#### Benefits

- The smallest housing with single and double locking lever. For every application the right housing

#### Application range

- Plant engineering
- Light & Sound technology
- Plastics industry

#### Product features

##### EPIC® H-B 10 TSH-RO

- Hood, high version
- Reels for single lever
- Side cable entry
- Versions with / without neck

##### EPIC® H-B 10 TG

- Hood, low version
- Bolts for double levers
- Straight cable entry
- Versions with / without neck

##### EPIC® H-B 10 TGH

- Hood, high version
- Bolts for double levers
- Straight cable entry
- Versions with / without neck

#### Suitable inserts

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

#### Technical data



##### Material

Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



##### Degree of protection

IP 65 (latched)



##### Range of temperature

-40°C - +100°C, temporary up to +125°C

Part number	Part	M	PG	Neck	Pieces / PU
<b>H-B housing: Hood (side cable entry, bolts for single lever, high version)</b>					
70054200	H-B 10 TSH-RO 21		21	yes	10
70054400	H-B 10 TSH-RO 29		29	yes	10
79054200	H-B 10 TSH-RO M25	25			10
79054400	H-B 10 TSH-RO M32	32			10
<b>H-B housing: Hood (straight cable entry, bolts for double lever)</b>					
10040000	H-B 10 TG 16		16	yes	10
10040100	H-B 10 TG 21		21	yes	10
19040000	H-B 10 TG M20	20			10
19040100	H-B 10 TG M25	25			10
<b>H-B housing: Hood (straight cable entry, bolts for double lever, high version)</b>					
70050400	H-B 10 TGH 21		21	yes	10
70050600	H-B 10 TGH 29		29	yes	10
79050400	H-B 10 TGH M25	25			10
79050600	H-B 10 TGH M32	32			10

Photographs are not to scale and do not represent detailed images of the respective products.

#### Accessories

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

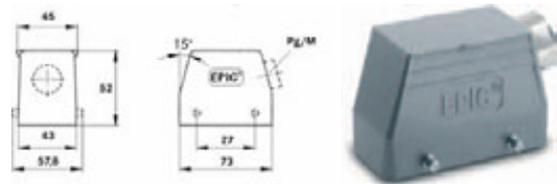
**EPIC® H-B 10 TGB**



**EPIC® H-B 10 TGBH**



**EPIC® H-B 10 TS**



**Benefits**

- The smallest housing with single and double locking lever. For every application the right housing

**Application range**

- Plant engineering
- Light & Sound technology
- Plastics industry

**Product features**

**EPIC® H-B 10 TGB**

- Hood, low version
- Double levers
- Straight cable entry
- Versions with / without neck

**EPIC® H-B 10 TGBH**

- Hood, high version
- Double levers
- Straight cable entry
- Versions with / without neck

**EPIC® H-B 10 TS**

- Hood, low version
- Bolts for double levers
- Side cable entry
- Versions with neck

**Suitable inserts**

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**

**Material**  
 Housing: aluminium alloy powder-coated grey  
 Lever: steel, zinc-plated  
 Sealing: NBR

**IP** Degree of protection  
 IP 65 (latched)

**Range of temperature**  
 -40 °C - +100 °C, temporary up to +125 °C

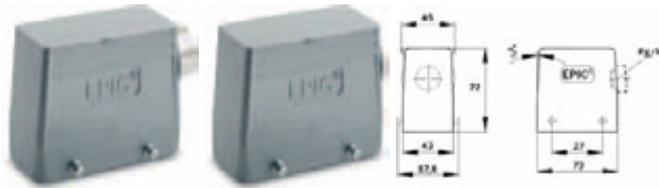
Part number	Part	M	PG	Neck	Pieces / PU
<b>H-B housing: Hood (straight cable entry, double lever)</b>					
10041000	H-B 10 TGB 16		16	yes	10
19041000	H-B 10 TGB M20	20			10
79055700	H-B 10 TGB M25	25			10
<b>H-B housing: Hood (straight cable entry, double lever, high version)</b>					
70055200	H-B 10 TGBH 21		21	yes	10
70055400	H-B 10 TGBH 29		29	yes	10
79055200	H-B 10 TGBH M25	25			10
79055400	H-B 10 TGBH M32	32			10
<b>H-B housing: Hood (side cable entry, bolts for double lever)</b>					
10042000	H-B 10 TS 16		16	yes	10
10042100	H-B 10 TS 21		21	yes	10
19042000	H-B 10 TS M20	20		yes	10
19042100	H-B 10 TS M25	25		yes	10

Photographs are not to scale and do not represent detailed images of the respective products.

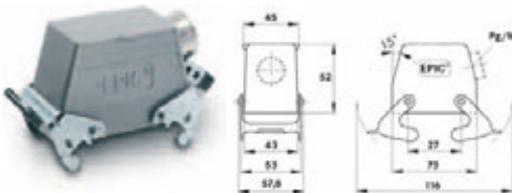
**Accessories**

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

### EPIC® H-B 10 TSH



### EPIC® H-B 10 TSB



### EPIC® H-B 10 TSBH



**Benefits**

- The smallest housing with single and double locking lever. For every application the right housing

**Application range**

- Plant engineering
- Light & Sound technology
- Plastics industry

**Product features**

**EPIC® H-B 10 TSH**

- Hood, high version
- Bolts for double levers
- Side cable entry
- Versions with / without neck

**EPIC® H-B 10 TSB**

- Hood, low version
- Double levers
- Side cable entry
- Versions with neck

**EPIC® H-B 10 TSBH**

- Hood, high version
- Double levers
- Side cable entry
- Versions with / without neck

**Suitable inserts**

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**

	<b>Material</b> Housing: aluminium alloy powder-coated grey Lever: steel, zinc-plated Sealing: NBR
	<b>Degree of protection</b> IP 65 (latched)
	<b>Range of temperature</b> -40°C - +100°C, temporary up to +125°C

Part number	Part	M	PG	Neck	Pieces / PU
<b>H-B housing: Hood (side cable entry, bolts for double lever, high version)</b>					
70052400	H-B 10 TSH 21		21	yes	10
70052600	H-B 10 TSH 29		29	yes	10
79052400	H-B 10 TSH M25	25			10
79052600	H-B 10 TSH M32	32			10
<b>H-B housing: Hood (side cable entry, double lever)</b>					
10045000	H-B 10 TSB 16		16	yes	10
19045000	H-B 10 TSB M20	20		yes	10
79057700	H-B 10 TSB M25	25		yes	10
<b>H-B housing: Hood (side cable entry, double lever, high version)</b>					
70057200	H-B 10 TSBH 21		21	yes	10
70057400	H-B 10 TSBH 29		29	yes	10
79057200	H-B 10 TSBH M25	25			10

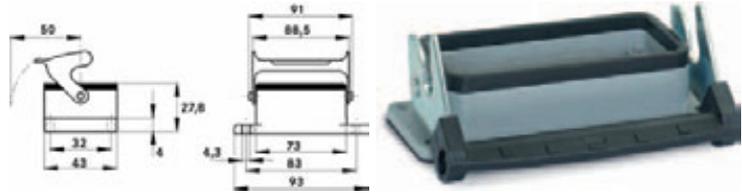
Photographs are not to scale and do not represent detailed images of the respective products.

**Accessories**

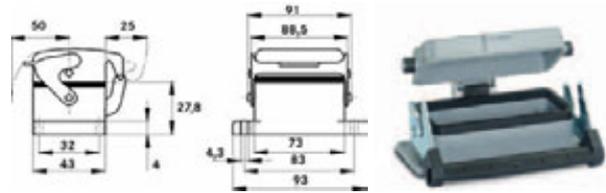
- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS



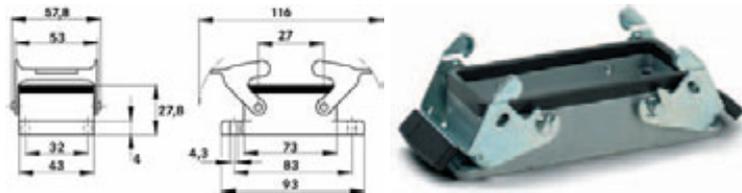
**EPIC® H-B 10 AG-LB**



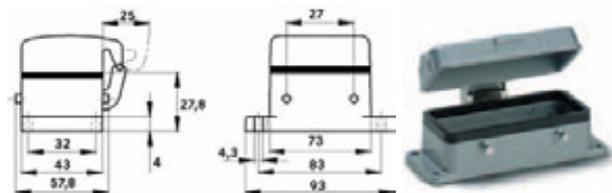
**EPIC® H-B 10 AD-LB**



**EPIC® H-B 10 AG**



**EPIC® H-B 10 AD-BO**



**Benefits**

- The smallest housing with single and double locking lever. For every application the right housing

**Application range**

- Plant engineering
- Light & Sound technology
- Plastics industry

**Product features**

**EPIC® H-B 10 AG-LB**

- Panel mount base
- Single lever
- Including flat gasket

**EPIC® H-B 10 AD-LB**

- Metal cover
- Panel mount base
- Single lever
- Including flat gasket

**EPIC® H-B 10 AG**

- Panel mount base
- Double levers
- Including flat gasket

**EPIC® H-B 10 AD-BO**

- Panel mount base
- Bolts for double levers
- Metal cover
- Including flat gasket

**Suitable inserts**

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**



**Material**

Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



**Degree of protection**

IP 65 (latched)



**Range of temperature**

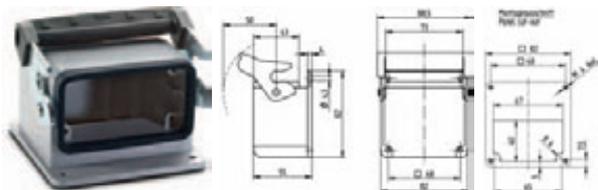
-40°C - +100°C, temporary up to +125°C

Part number	Part	Pieces / PU
<b>H-B housing: Panel mount base (single lever)</b>		
10032900	H-B 10 AG-LB	10
<b>H-B housing: Panel mount base (protective cover, single lever)</b>		
10033900	H-B 10 AD-LB	10
<b>H-B housing: Panel mount base (double lever)</b>		
10032000	H-B 10 AG	10
<b>H-B housing: Panel mount base (cover, bolts for double lever)</b>		
10033000	H-B 10 AD-BO	10

Photographs are not to scale and do not represent detailed images of the respective products.

**New**

**EPIC® H-B 10 AGS-LB**



**Benefits**

- Small angle housing for drives and control cabinets with single lever

**Application range**

- Plant engineering
- Motion and drives
- Light & Sound technology
- Plastics industry

**Product features**

- Panel mount base
- Single lever
- Angled version
- Including flat gasket

**Suitable inserts**

- Additional support for selection of inserts and housings, please refer to the Selection Table A10



**Info**

- Housing for motor termination

**Technical data**



**Material**

Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



**Degree of protection**

IP 65 (latched)



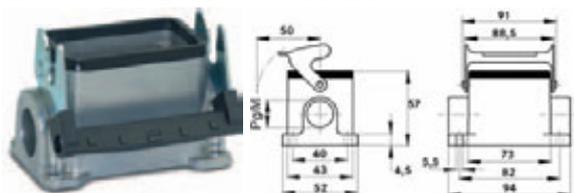
**Range of temperature**

-40°C - +100°C, temporary up to +125°C

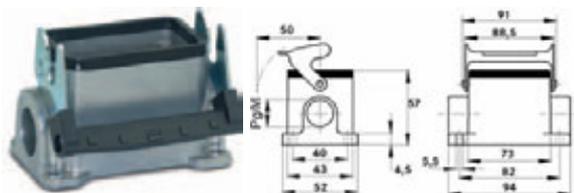
Part number	Part	Pieces / PU
<b>H-B housing: Panel mount base (angled, single lever)</b>		
44423026	H-B 10 AGS-LB	5

Photographs are not to scale and do not represent detailed images of the respective products.

**EPIC® H-B 10 SGR-LB**



**EPIC® H-B 10 SGRL-LB**



**Benefits**

- The smallest housing with single and double locking lever. For every application the right housing

**Application range**

- Plant engineering
- Light & Sound technology
- Plastics industry

- Single lever
- 1 cable entry

**EPIC® H-B 10 SGRL-LB**

- Surface mount base, low version
- Single lever
- 2 cable entries

**Suitable inserts**

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**



**Material**

Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



**Degree of protection**

IP 65 (latched)



**Range of temperature**

-40°C - +100°C, temporary up to +125°C

**Product features**

**EPIC® H-B 10 SGR-LB**

- Surface mount base, low version

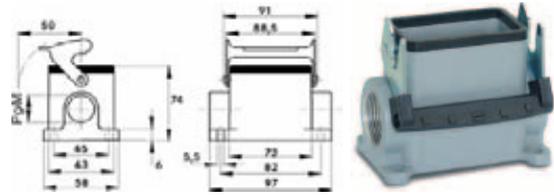
Part number	Part	M	PG	Pieces / PU
<b>H-B housing: Surface mount base (1 cable entry, single lever)</b>				
10034900	H-B 10 SGR-LB 16		16	10
10034700	H-B 10 SGR-LB 21		21	10
19034900	H-B 10 SGR-LB M20	20		10
19034700	H-B 10 SGR-LB M25	25		10
<b>H-B housing: Surface mount base (2 cable entries, single lever)</b>				
10035900	H-B 10 SGRL-LB 16		16	10
19035900	H-B 10 SGRL-LB M20	20		10
79061600	H-B 10 SGRL-LB M25	25		10

Photographs are not to scale and do not represent detailed images of the respective products.

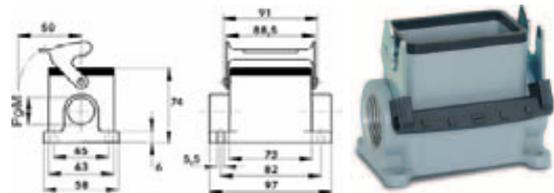
**Accessories**

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

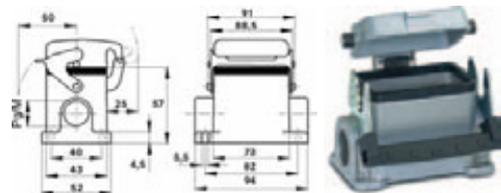
**EPIC® H-B 10 SGRH-LB**



**EPIC® H-B 10 SGR LH-LB**



**EPIC® H-B 10 SDR-LB**



**Benefits**

- The smallest housing with single and double locking lever. For every application the right housing

**Application range**

- Plant engineering
- Light & Sound technology
- Plastics industry

**Product features**

**EPIC® H-B 10 SGRH-LB**

- Surface mount base, high version
- Single lever
- 1 cable entry

**EPIC® H-B 10 SGR LH-LB**

- Surface mount base, high version
- Single lever
- 2 cable entries

**EPIC® H-B 10 SDR-LB**

- Surface mount base, low version
- Single lever
- 1 cable entry
- Metal cover

**Suitable inserts**

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**



**Material**  
Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



**Degree of protection**  
IP 65 (latched)



**Range of temperature**  
-40 °C - +100 °C, temporary up to +125 °C

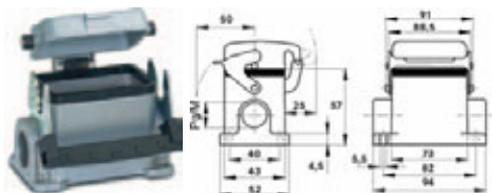
Part number	Part	M	PG	Pieces / PU
<b>H-B housing: Surface mount base (1 cable entry, single lever, high version)</b>				
70060200	H-B 10 SGRH-LB 21		21	10
70060400	H-B 10 SGRH-LB 29		29	10
79060200	H-B 10 SGRH-LB M25	25		10
79060400	H-B 10 SGRH-LB M32	32		10
<b>H-B housing: Surface mount base (2 cable entries, single lever, high version)</b>				
70061200	H-B 10 SGR LH-LB 21		21	10
70061400	H-B 10 SGR LH-LB 29		29	10
79061200	H-B 10 SGR LH-LB M25	25		10
79061400	H-B 10 SGR LH-LB M32	32		10
<b>H-B housing: Surface mount base (cover, 1 cable entry, single lever)</b>				
10036900	H-B 10 SDR-LB 16		16	10
19036900	H-B 10 SDR-LB M20	20		10
79064600	H-B 10 SDR-LB M25	25		10

Photographs are not to scale and do not represent detailed images of the respective products.

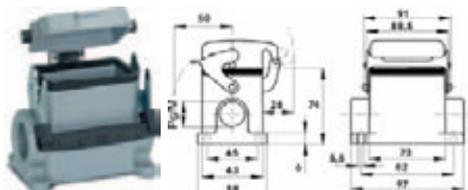
**Accessories**

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

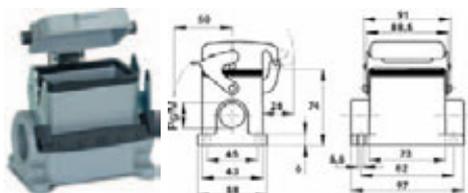
### EPIC® H-B 10 SDRL-LB



### EPIC® H-B 10 SDRH-LB



### EPIC® H-B 10 SDRLH-LB



#### Benefits

- The smallest housing with single and double locking lever. For every application the right housing

#### Application range

- Plant engineering
- Light & Sound technology
- Plastics industry

#### Product features

##### EPIC® H-B 10 SDRL-LB

- Surface mount base, low version
- Single lever
- 2 cable entries
- Metal cover

##### EPIC® H-B 10 SDRH-LB

- Surface mount base, high version
- Single lever
- 1 cable entry
- Metal cover

##### EPIC® H-B 10 SDRLH-LB

- Surface mount base, high version
- Single lever
- 2 cable entries
- Metal cover

#### Suitable inserts

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

#### Technical data

	<b>Material</b> Housing: aluminium alloy powder-coated grey Lever: steel, zinc-plated Sealing: NBR
	<b>Degree of protection</b> IP 65 (latched)
	<b>Range of temperature</b> -40°C - +100°C, temporary up to +125°C

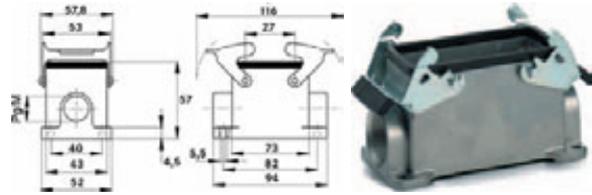
Part number	Part	M	PG	Pieces / PU
<b>H-B housing: Surface mount base (cover, 2 cable entries, single lever)</b>				
10038900	H-B 10 SDRL-LB 16		16	10
19038900	H-B 10 SDRL-LB M20	20		10
79065600	H-B 10 SDRL-LB M25	25		10
<b>H-B housing: Surface mount base (cover, 1 cable entry, single lever, high version)</b>				
70064200	H-B 10 SDRH-LB 21		21	5
70064400	H-B 10 SDRH-LB 29		29	5
79064200	H-B 10 SDRH-LB M25	25		5
79064400	H-B 10 SDRH-LB M32	32		5
<b>H-B housing: Surface mount base (cover, 2 cable entries, single lever, high version)</b>				
70065200	H-B 10 SDRLH-LB 21		21	5
70065400	H-B 10 SDRLH-LB 29		29	5
79065200	H-B 10 SDRLH-LB M25	25		5
79065400	H-B 10 SDRLH-LB M32	32		5

Photographs are not to scale and do not represent detailed images of the respective products.

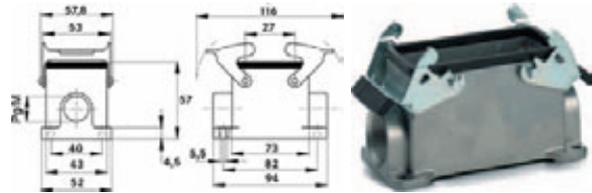
#### Accessories

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

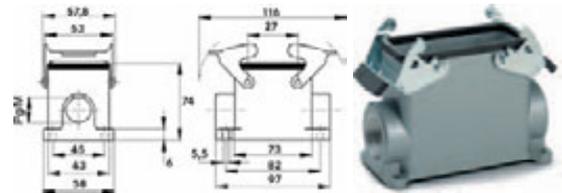
**EPIC® H-B 10 SGR**



**EPIC® H-B 10 SGRL**



**EPIC® H-B 10 SGRH**



**Benefits**

- The smallest housing with single and double locking lever. For every application the right housing

**Application range**

- Plant engineering
- Light & Sound technology
- Plastics industry

**Product features**

**EPIC® H-B 10 SGR**

- Surface mount base, low version
- Double levers
- 1 cable entry

**EPIC® H-B 10 SGRL**

- Surface mount base, low version
- Double levers
- 2 cable entries

**EPIC® H-B 10 SGRH**

- Surface mount base, high version
- Double levers
- 1 cable entry

**Suitable inserts**

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**



**Material**  
Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



**Degree of protection**  
IP 65 (latched)



**Range of temperature**  
-40°C - +100°C, temporary up to +125°C

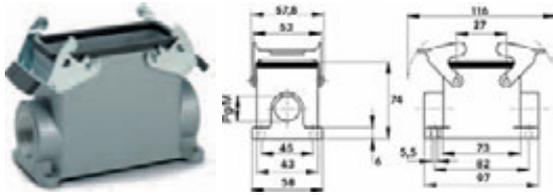
Part number	Part	M	PG	Pieces / PU
<b>H-B housing: Surface mount base (1 cable entry, double lever)</b>				
10034000	H-B 10 SGR 16		16	10
19034000	H-B 10 SGR M20	20		10
19034100	H-B 10 SGR M25	25		10
<b>H-B housing: Surface mount base (2 cable entries, double lever)</b>				
10035000	H-B 10 SGRL 16		16	10
19035000	H-B 10 SGRL M20	20		10
19035100	H-B 10 SGRL M25	25		10
<b>H-B housing: Surface mount base (1 cable entry, double lever, high version)</b>				
70035200	H-B 10 SGRH 21		21	10
70035400	H-B 10 SGRH 29		29	10
79035200	H-B 10 SGRH M25	25		10
79035400	H-B 10 SGRH M32	32		10

Photographs are not to scale and do not represent detailed images of the respective products.

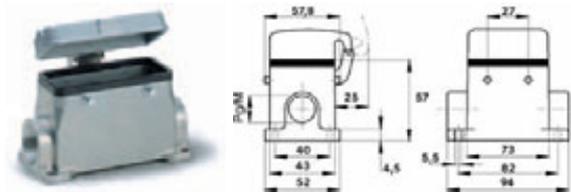
**Accessories**

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

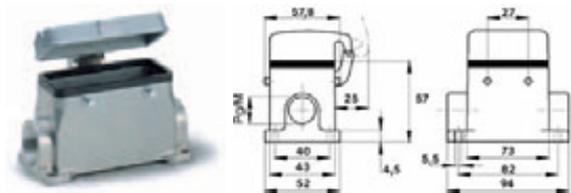
### EPIC® H-B 10 SGRLH



### EPIC® H-B 10 SDR-BO



### EPIC® H-B 10 SDRL-BO



#### Benefits

- The smallest housing with single and double locking lever. For every application the right housing

#### Application range

- Plant engineering
- Light & Sound technology
- Plastics industry

#### Product features

##### EPIC® H-B 10 SGRLH

- Surface mount base, high version
- Double levers
- 2 cable entries

##### EPIC® H-B 10 SDR-BO

- Surface mount base, low version
- Bolts for double levers
- 1 cable entry
- Metal cover

##### EPIC® H-B 10 SDRL-BO

- Surface mount base, low version
- Bolts for double levers
- 2 cable entries
- Metal cover

#### Suitable inserts

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

#### Technical data



**Material**  
Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



**Degree of protection**  
IP 65 (latched)



**Range of temperature**  
-40°C - +100°C, temporary up to +125°C

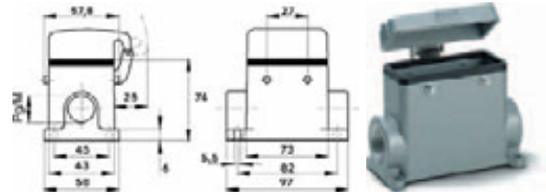
Part number	Part	M	PG	Pieces / PU
<b>H-B housing: Surface mount base (2 cable entries, double lever, high version)</b>				
70036200	H-B 10 SGRLH 21		21	10
70036400	H-B 10 SGRLH 29		29	10
79036200	H-B 10 SGRLH M25	25		10
79036400	H-B 10 SGRLH M32	32		10
<b>H-B housing: Surface mount base (cover, 1 cable entry, bolts for double lever)</b>				
10036000	H-B 10 SDR-BO 16		16	10
19036000	H-B 10 SDR-BO M20	20		10
19036100	H-B 10 SDR-BO M25	25		10
<b>H-B housing: Surface mount base (cover, 2 cable entries, bolts for double lever)</b>				
10038000	H-B 10 SDRL-BO 16		16	10
19038000	H-B 10 SDRL-BO M20	20		10
79046600	H-B 10 SDRL-BO M25	25		10

Photographs are not to scale and do not represent detailed images of the respective products.

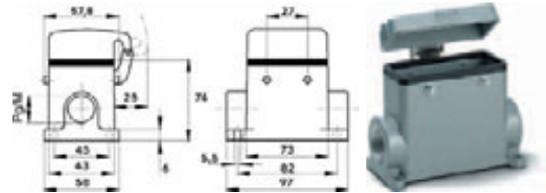
#### Accessories

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

**EPIC® H-B 10 SDRH-BO**



**EPIC® H-B 10 SDRLH-BO**



**Benefits**

- The smallest housing with single and double locking lever. For every application the right housing

**Application range**

- Plant engineering
- Light & Sound technology
- Plastics industry

**Product features**

**EPIC® H-B 10 SDRH-BO**

- Surface mount base, high version
- Bolts for double levers
- 1 cable entry
- Metal cover

**EPIC® H-B 10 SDRLH-BO**

- Surface mount base, high version
- Bolts for double levers
- 2 cable entries
- Metal cover

**Suitable inserts**

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**



**Material**

Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



**Degree of protection**

IP 65 (latched)



**Range of temperature**

-40°C - +100°C, temporary up to +125°C

Part number	Part	M	PG	Pieces / PU
<b>H-B housing: Surface mount base (cover, 1 cable entry, bolts for double lever, high version)</b>				
70045200	H-B 10 SDRH-BO 21		21	5
70045400	H-B 10 SDRH-BO 29		29	5
79045200	H-B 10 SDRH-BO M25	25		5
<b>H-B housing: Surface mount base (cover, 2 cable entries, bolt for double lever, high version)</b>				
70046200	H-B 10 SDRLH-BO 21		21	5
79046200	H-B 10 SDRLH-BO M25	25		5
79046400	H-B 10 SDRLH-BO M32	32		5

Photographs are not to scale and do not represent detailed images of the respective products.

**Accessories**

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

### EPIC® H-B 10 TBF-LB



### EPIC® H-B 10 TBFH-LB



### EPIC® H-B 10 TBF



#### Benefits

- The smallest housing with single and double locking lever. For every application the right housing

#### Application range

- Plant engineering
- Light & sound technology
- Plastics industry

#### Product features

##### EPIC® H-B 10 TBF-LB

- Cable coupler hood, low version
- Single lever
- Straight cable entry
- Versions with / without neck

##### EPIC® H-B 10 TBFH-LB

- Cable coupler hood, high version
- Single lever
- Straight cable entry
- Versions with / without neck

##### EPIC® H-B 10 TBF

- Cable coupler hood, low version
- Double levers
- Straight cable entry
- Versions with / without neck

#### Suitable inserts

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

#### Technical data



##### Material

Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



##### Degree of protection

IP 65 (latched)



##### Range of temperature

-40°C - +100°C, temporary up to +125°C

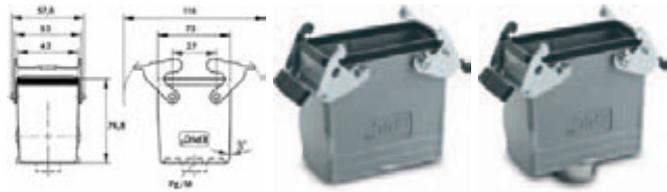
Part number	Part	M	PG	Neck	Pieces / PU
<b>H-B housing: Cable coupler hood (straight cable entry, single lever)</b>					
10046900	H-B 10 TBF-LB 16		16	yes	10
70042200	H-B 10 TBF-LB 21		21	yes	10
19046900	H-B 10 TBF-LB M20	20			10
79042200	H-B 10 TBF-LB M25	25			10
<b>H-B housing: Cable coupler hood (straight cable entry, single lever, high version)</b>					
70042400	H-B 10 TBFH-LB 21		21	yes	10
70042600	H-B 10 TBFH-LB 29		29	yes	10
79042400	H-B 10 TBFH-LB M25	25			10
79042600	H-B 10 TBFH-LB M32	32			10
<b>H-B housing: Cable coupler hood (straight cable entry, double lever)</b>					
10046000	H-B 10 TBF 16		16	yes	10
70040200	H-B 10 TBF 21		21	yes	10
19046000	H-B 10 TBF M20	20			10
79040200	H-B 10 TBF M25	25			10

Photographs are not to scale and do not represent detailed images of the respective products.

#### Accessories

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

**EPIC® H-B 10 TBFH**



**Benefits**

- The smallest housing with single and double locking lever. For every application the right housing

**Application range**

- Plant engineering
- Light & Sound technology
- Plastics industry

**Product features**

- Cable coupler hood, high version
- Double levers
- Straight cable entry
- Versions with / without neck

**Suitable inserts**

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**



**Material**

Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



**Degree of protection**

IP 65 (latched)



**Range of temperature**

-40°C - +100°C, temporary up to +125°C

Part number	Part	M	PG	Neck	Pieces / PU
<b>H-B housing: Cable coupler hood (straight cable entry, double lever, high version)</b>					
70040400	H-B 10 TBFH 21		21	yes	10
70040600	H-B 10 TBFH 29		29	yes	10
79040400	H-B 10 TBFH M25	25			10
79040600	H-B 10 TBFH M32	32			10

Photographs are not to scale and do not represent detailed images of the respective products.

**Accessories**

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

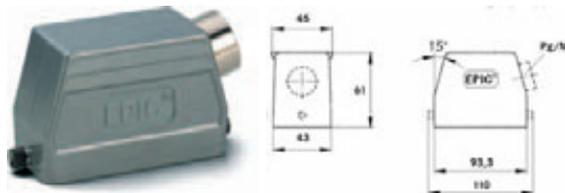
## EPIC® H-B 16 TG-RO



## EPIC® H-B 16 TGH-RO



## EPIC® H-B 16 TS-RO



### Benefits

- The housing standard. Wide choice for all applications

### Application range

- Plant engineering
- Light & Sound technology
- Plastics industry

### Product features

#### EPIC® H-B 16 TG-RO

- Hood, low version
- Reels for single lever
- Straight cable entry
- Versions with / without neck

#### EPIC® H-B 16 TGH-RO

- Hood, high version
- Reels for single lever
- Straight cable entry
- Versions with / without neck

#### EPIC® H-B 16 TS-RO

- Hood, low version
- Reels for single lever
- Side cable entry
- Versions with neck

### Suitable inserts

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

### Technical data



#### Material

Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



#### Degree of protection

IP 65 (latched)



#### Range of temperature

-40°C - +100°C, temporary up to +125°C

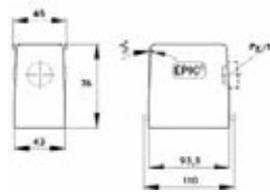
Part number	Part	M	PG	Neck	Pieces / PU
<b>H-B housing: Hood (straight cable entry, bolts for single lever)</b>					
10080900	H-B 16 TG-RO 21		21	yes	5
19080900	H-B 16 TG-RO M25	25			5
<b>H-B housing: Hood (straight cable entry, bolts for single lever, high version)</b>					
70094200	H-B 16 TGH-RO 21		21	yes	5
70094400	H-B 16 TGH-RO 29		29	yes	5
79094200	H-B 16 TGH-RO M25	25			5
79094400	H-B 16 TGH-RO M32	32			5
79094600	H-B 16 TGH-RO M40	40			5
<b>H-B housing: Hood (side cable entry, bolts for single lever)</b>					
10082900	H-B 16 TS-RO 21		21	yes	5
10092900	H-B 16 TS-RO 29		29	yes	5
19082900	H-B 16 TS-RO M25	25		yes	5
19092900	H-B 16 TS-RO M32	32		yes	5

Photographs are not to scale and do not represent detailed images of the respective products.

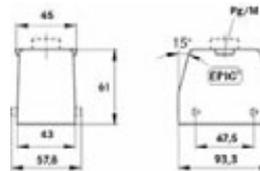
### Accessories

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

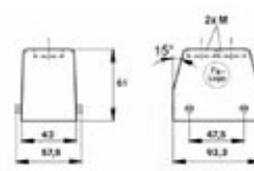
**EPIC® H-B 16 TSH-RO**



**EPIC® H-B 16 TG**



**EPIC® H-B 16 TG 2X**



**Benefits**

- The housing standard. Wide choice for all applications

**Application range**

- Plant engineering
- Light & Sound technology
- Plastics industry

**Product features**

**EPIC® H-B 16 TSH-RO**

- Hood, high version
- Reels for single lever
- Side cable entry
- Versions with / without neck

**EPIC® H-B 16 TG**

- Hood, low version
- Bolts for double levers
- Straight cable entry
- Versions with / without neck

**EPIC® H-B 16 TG 2X**

- Hood, low version
- Bolts for double levers
- 2 straight cable entries
- Versions with neck

**Suitable inserts**

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**



**Material**  
Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



**Degree of protection**  
IP 65 (latched)



**Range of temperature**  
-40°C - +100°C, temporary up to +125°C

Part number	Part	M	PG	Neck	Pieces / PU
<b>H-B housing: Hood (side cable entry, bolts for single lever, high version)</b>					
70104200	H-B 16 TSH-RO 21		21	yes	5
70104400	H-B 16 TSH-RO 29		29	yes	5
79104200	H-B 16 TSH-RO M25	25			5
79104400	H-B 16 TSH-RO M32	32			5
79104800	H-B 16 TSH-RO M40	40			5
<b>H-B housing: Hood (straight cable entry, bolts for double lever)</b>					
10080000	H-B 16 TG 21		21	yes	5
10090000	H-B 16 TG 29		29	yes	5
19080000	H-B 16 TG M25	25			5
19090000	H-B 16 TG M32	32			5
<b>H-B housing: Hood (2 straight cable entries, bolts for double lever)</b>					
19080500	H-B 16 TG 2XM25	2 x 25		yes	5

Photographs are not to scale and do not represent detailed images of the respective products.

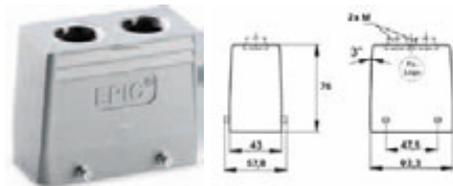
**Accessories**

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

## EPIC® H-B 16 TGH



## EPIC® H-B 16 TGH 2X



### Benefits

- The housing standard. Wide choice for all applications

### Application range

- Plant engineering
- Light & Sound technology
- Plastics industry

### Product features

#### EPIC® H-B 16 TGH

- Hood, high version
- Bolts for double levers
- Straight cable entry
- Versions with / without neck

#### EPIC® H-B 16 TGH 2X

- Hood, high version
- Bolts for double levers
- 2 straight cable entries
- Versions without neck

### Suitable inserts

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

### Technical data



#### Material

Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



#### Degree of protection

IP 65 (latched)



#### Range of temperature

-40°C - +100°C, temporary up to +125°C

Part number	Part	M	PG	Neck	Pieces / PU
<b>H-B housing: Hood (straight cable entry, bolts for double lever, high version)</b>					
70100200	H-B 16 TGH 21		21	yes	5
70100400	H-B 16 TGH 29		29	yes	5
79100200	H-B 16 TGH M25	25			5
79100400	H-B 16 TGH M32	32			5
79100800	H-B 16 TGH M40	40			5
<b>H-B housing: Hood (2 straight cable entries, bolts for double lever, high version)</b>					
44422018	H-B 16 TGH 2XM25	2 x 25			5
79128600	H-B 16 TGH 2XM32	2 x 32			5

Photographs are not to scale and do not represent detailed images of the respective products.

### Accessories

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

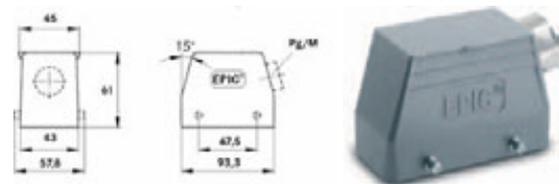
**EPIC® H-B 16 TGB**



**EPIC® H-B 16 TGBH**



**EPIC® H-B 16 TS**



**Benefits**

- The housing standard. Wide choice for all applications

**Application range**

- Plant engineering
- Light & Sound technology
- Plastics industry

**Product features**

**EPIC® H-B 16 TGB**

- Hood, low version
- Double levers
- Straight cable entry
- Versions with / without neck

**EPIC® H-B 16 TGBH**

- Hood, high version
- Double levers
- Straight cable entry
- Versions with / without neck

**EPIC® H-B 16 TS**

- Hood, low version
- Bolts for double levers
- Side cable entry
- Versions with neck

**Suitable inserts**

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**

**Material**  
 Housing: aluminium alloy powder-coated grey  
 Lever: steel, zinc-plated  
 Sealing: NBR

**IP**  
 Degree of protection  
 IP 65 (latched)

**Range of temperature**  
 -40°C - +100°C, temporary up to +125°C

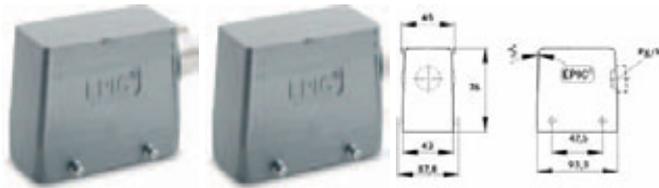
Part number	Part	M	PG	Neck	Pieces / PU
<b>H-B housing: Hood (straight cable entry, double lever)</b>					
10081000	H-B 16 TGB 21		21	yes	5
19081000	H-B 16 TGB M25	25			5
<b>H-B housing: Hood (straight cable entry, double lever, high version)</b>					
70105200	H-B 16TGBH 21		21	yes	5
70105400	H-B 16TGBH 29		29	yes	5
79105200	H-B 16TGBH M25	25			5
79105400	H-B 16TGBH M32	32			5
<b>H-B housing: Hood (side cable entry, bolts for double lever)</b>					
10082000	H-B 16 TS 21		21	yes	5
10092000	H-B 16 TS 29		29	yes	5
19082000	H-B 16 TS M25	25		yes	5
19092000	H-B 16 TS M32	32		yes	5

Photographs are not to scale and do not represent detailed images of the respective products.

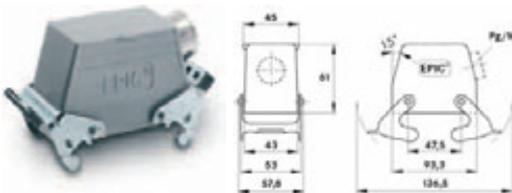
**Accessories**

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

### EPIC® H-B 16 TSH



### EPIC® H-B 16 TSB



### EPIC® H-B 16 TSBH



#### Benefits

- The housing standard. Wide choice for all applications

#### Application range

- Plant engineering
- Light & Sound technology
- Plastics industry

#### Product features

##### EPIC® H-B 16 TSH

- Hood, high version
- Bolts for double levers
- Side cable entry
- Versions with / without neck

##### EPIC® H-B 16 TSB

- Hood, low version
- Double levers
- Side cable entry
- Versions with neck

##### EPIC® H-B 16 TSBH

- Hood, high version
- Double levers
- Side cable entry
- Versions with / without neck

#### Suitable inserts

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

#### Technical data



**Material**  
Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



**Degree of protection**  
IP 65 (latched)



**Range of temperature**  
-40°C - +100°C, temporary up to +125°C

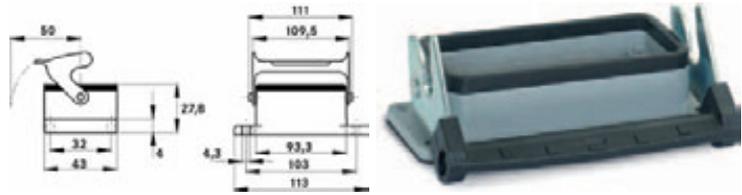
Part number	Part	M	PG	Neck	Pieces / PU
<b>H-B housing: Hood (side cable entry, bolts for double lever, high version)</b>					
70102200	H-B 16 TSH 21		21	yes	5
70102400	H-B 16 TSH 29		29	yes	5
79102200	H-B 16 TSH M25	25			5
79102400	H-B 16 TSH M32	32			5
79102800	H-B 16 TSH M40	40			5
<b>H-B housing: Hood (side cable entry, double lever)</b>					
10083000	H-B 16 TSB 21		21	yes	5
19083000	H-B 16 TSB M25	25		yes	5
<b>H-B housing: Hood (side cable entry, double lever, high version)</b>					
70107200	H-B 16 TSBH 21		21	yes	5
70107400	H-B 16 TSBH 29		29	yes	5
79107200	H-B 16 TSBH M25	25			5
79107400	H-B 16 TSBH M32	32			5

Photographs are not to scale and do not represent detailed images of the respective products.

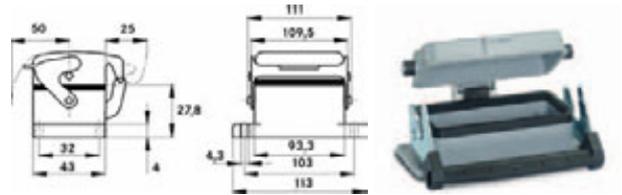
#### Accessories

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

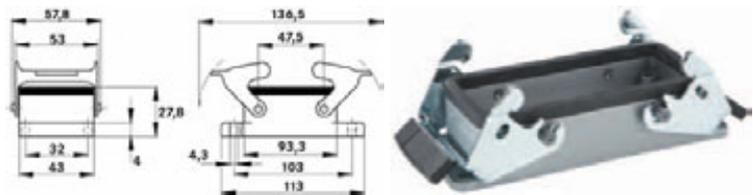
**EPIC® H-B 16 AG-LB**



**EPIC® H-B 16 AD-LB**



**EPIC® H-B 16 AG**



**Benefits**

- The housing standard. Wide choice for all applications

**Application range**

- Plant engineering
- Light & Sound technology
- Plastics industry

**Product features**

**EPIC® H-B 16 AG-LB**

- Panel mount base
- Single lever
- Including flat gasket

**EPIC® H-B 16 AD-LB**

- Panel mount base
- Single lever
- Metal cover
- Including flat gasket

**EPIC® H-B 16 AG**

- Panel mount base
- Double levers
- Including flat gasket

**Suitable inserts**

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**



**Material**  
Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



**Degree of protection**  
IP 65 (latched)

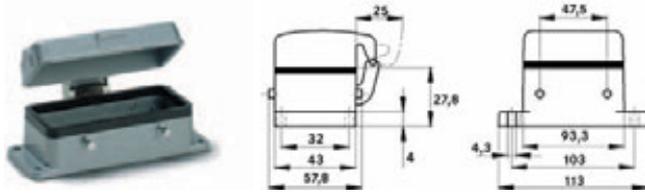


**Range of temperature**  
-40 °C - +100 °C, temporary up to +125 °C

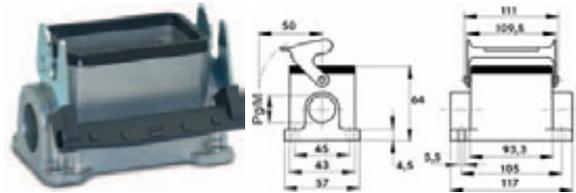
Part number	Part	Pieces / PU
<b>H-B housing: Panel mount base (single lever)</b>		
10072900	H-B 16 AG-LB	5
<b>H-B housing: Panel mount base (protective cover, single lever)</b>		
10073900	H-B 16 AD-LB	5
<b>H-B housing: Panel mount base (double lever)</b>		
10072000	H-B 16 AG	5

Photographs are not to scale and do not represent detailed images of the respective products.

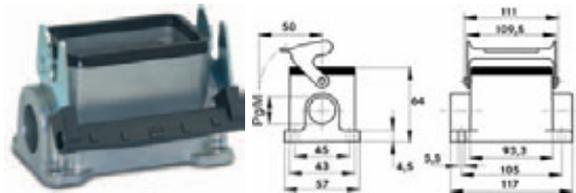
### EPIC® H-B 16 AD-BO



### EPIC® H-B 16 SGR-LB



### EPIC® H-B 16 SGRL-LB



#### Benefits

- The housing standard. Wide choice for all applications

#### Application range

- Plant engineering
- Light & Sound technology
- Plastics industry

#### Product features

- EPIC® H-B 16 AD-BO
  - Panel mount base
  - Bolts for double levers
  - Metal cover
  - Including flat gasket

#### EPIC® H-B 16 SGR-LB

- Surface mount base, low version
- Single lever
- 1 cable entry

#### EPIC® H-B 16 SGRL-LB

- Surface mount base, low version
- Single lever
- 2 cable entries

#### Suitable inserts

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

#### Technical data

	<b>Material</b> Housing: aluminium alloy powder-coated grey Lever: steel, zinc-plated Sealing: NBR
	<b>Degree of protection</b> IP 65 (latched)
	<b>Range of temperature</b> -40°C - +100°C, temporary up to +125°C

Part number	Part	M	PG	Pieces / PU
<b>H-B housing: Panel mount base (cover, bolts for double lever)</b>				
10073000	H-B 16 AD-BO			5
<b>H-B housing: Surface mount base (1 cable entry, single lever)</b>				
10074900	H-B 16 SGR-LB 21		21	5
19074900	H-B 16 SGR-LB M25	25		5
<b>H-B housing: Surface mount base (2 cable entries, single lever)</b>				
10075900	H-B 16 SGRL-LB 21		21	5
19075900	H-B 16 SGRL-LB M25	25		5

Photographs are not to scale and do not represent detailed images of the respective products.

#### Accessories

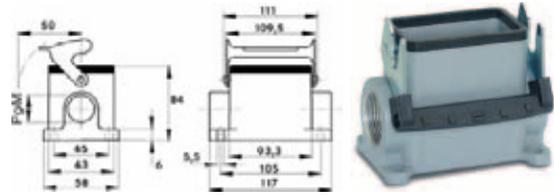
##### EPIC® H-B 16 SGR-LB

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

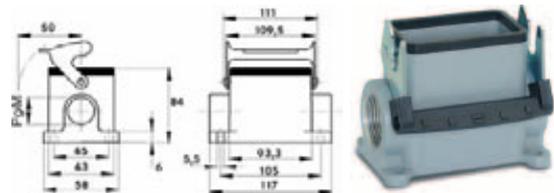
##### EPIC® H-B 16 SGRL-LB

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

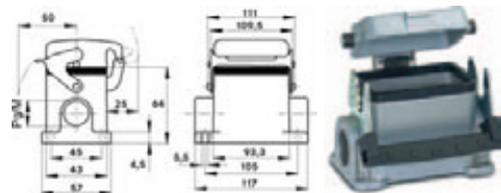
**EPIC® H-B 16 SGRH-LB**



**EPIC® H-B 16 SGRLH-LB**



**EPIC® H-B 16 SDR-LB**



**Benefits**

- The housing standard. Wide choice for all applications

**Application range**

- Plant engineering
- Light & Sound technology
- Plastics industry

**Product features**

**EPIC® H-B 16 SGRH-LB**

- Surface mount base, high version
- Single lever
- 1 cable entry

**EPIC® H-B 16 SGRLH-LB**

- Surface mount base, high version
- Single lever
- 2 cable entries

**EPIC® H-B 16 SDR-LB**

- Surface mount base, low version
- Single lever
- 1 cable entry
- Metal cover

**Suitable inserts**

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**



**Material**  
Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



**Degree of protection**  
IP 65 (latched)



**Range of temperature**  
-40 °C - +100 °C, temporary up to +125 °C

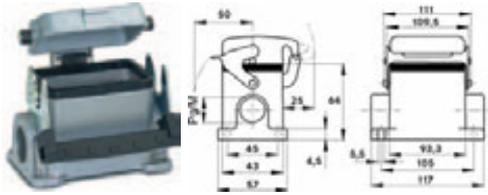
Part number	Part	M	PG	Pieces / PU
<b>H-B housing: Surface mount base (1 cable entry, single lever, high version)</b>				
70110200	H-B 16 SGRH-LB 21		21	5
70110400	H-B 16 SGRH-LB 29		29	5
79110200	H-B 16 SGRH-LB M25	25		5
79110400	H-B 16 SGRH-LB M32	32		5
<b>H-B housing: Surface mount base (2 cable entries, single lever, high version)</b>				
70111200	H-B 16 SGRLH-LB 21		21	5
70111400	H-B 16 SGRLH-LB 29		29	5
79111200	H-B 16 SGRLH-LB M25	25		5
79111400	H-B 16 SGRLH-LB M32	32		5
<b>H-B housing: Surface mount base (cover, 1 cable entry, single lever)</b>				
10076900	H-B 16 SDR-LB 21		21	5
19076900	H-B 16 SDR-LB M25	25		5

Photographs are not to scale and do not represent detailed images of the respective products.

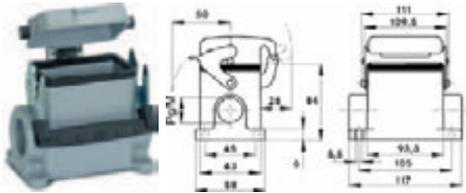
**Accessories**

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

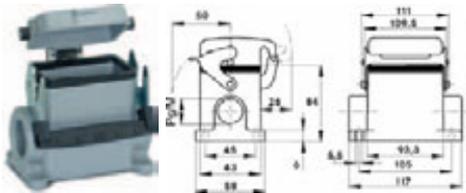
### EPIC® H-B 16 SDRL-LB



### EPIC® H-B 16 SDRH-LB



### EPIC® H-B 16 SDRLH-LB



#### Benefits

- The housing standard. Wide choice for all applications

#### Application range

- Plant engineering
- Light & Sound technology
- Plastics industry

#### Product features

##### EPIC® H-B 16 SDRL-LB

- Surface mount base, low version
- Single lever
- 2 cable entries
- Metal cover

##### EPIC® H-B 16 SDRH-LB

- Surface mount base, high version
- Single lever
- 1 cable entry
- Metal cover

##### EPIC® H-B 16 SDRLH-LB

- Surface mount base, high version
- Single lever
- 2 cable entries
- Metal cover

#### Suitable inserts

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

#### Technical data



**Material**  
Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



**Degree of protection**  
IP 65 (latched)



**Range of temperature**  
-40°C - +100°C, temporary up to +125°C

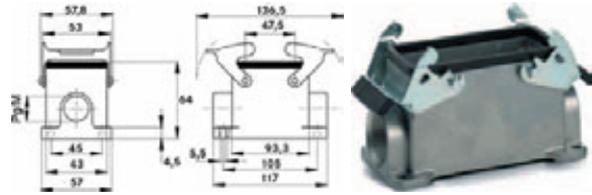
Part number	Part	M	PG	Pieces / PU
<b>H-B housing: Surface mount base (cover, 2 cable entries, single lever)</b>				
10078900	H-B 16 SDRL-LB 21		21	5
19078900	H-B 16 SDRL-LB M25	25		5
<b>H-B housing: Surface mount base (cover, 1 cable entry, single lever, high version)</b>				
70114200	H-B 16 SDRH-LB 21		21	5
70114400	H-B 16 SDRH-LB 29		29	5
79114200	H-B 16 SDRH-LB M25	25		5
79114400	H-B 16 SDRH-LB M32	32		5
<b>H-B housing: Surface mount base (cover, 2 cable entries, single lever, high version)</b>				
70115200	H-B 16 SDRLH-LB 21		21	5
70115400	H-B 16 SDRLH-LB 29		29	5
79115200	H-B 16 SDRLH-LB M25	25		5
79115400	H-B 16 SDRLH-LB M32	32		5

Photographs are not to scale and do not represent detailed images of the respective products.

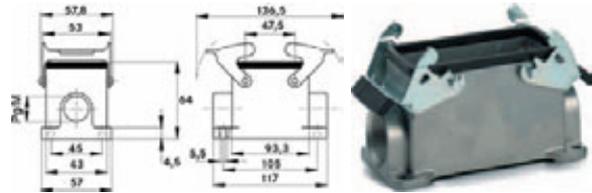
#### Accessories

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

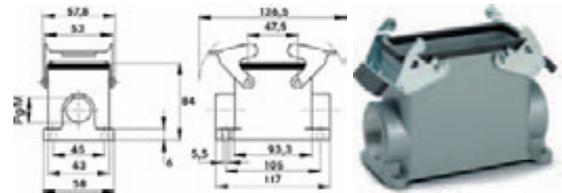
**EPIC® H-B 16 SGR**



**EPIC® H-B 16 SGRL**



**EPIC® H-B 16 SGRH**



**Benefits**

- The housing standard. Wide choice for all applications

**Application range**

- Plant engineering
- Light & Sound technology
- Plastics industry

**Product features**

**EPIC® H-B 16 SGR**

- Surface mount base, low version
- Double levers
- 1 cable entry

**EPIC® H-B 16 SGRL**

- Surface mount base, low version
- Double levers
- 2 cable entries

**EPIC® H-B 16 SGRH**

- Surface mount base, high version
- Double levers
- 1 cable entry

**Suitable inserts**

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**



**Material**  
Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



**Degree of protection**  
IP 65 (latched)



**Range of temperature**  
-40 °C - +100 °C, temporary up to +125 °C

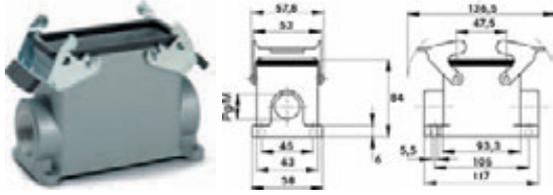
Part number	Part	M	PG	Pieces / PU
<b>H-B housing: Surface mount base (1 cable entry, double lever)</b>				
10074000	H-B 16 SGR 21		21	5
19074000	H-B 16 SGR M25	25		5
<b>H-B housing: Surface mount base (2 cable entries, double lever)</b>				
10075000	H-B 16 SGRL 21		21	5
19075000	H-B 16 SGRL M25	25		5
<b>H-B housing: Surface mount base (1 cable entry, double lever, high version)</b>				
70085200	H-B 16 SGRH 21		21	5
70085400	H-B 16 SGRH 29		29	5
79085200	H-B 16 SGRH M25	25		5
79085400	H-B 16 SGRH M32	32		5

Photographs are not to scale and do not represent detailed images of the respective products.

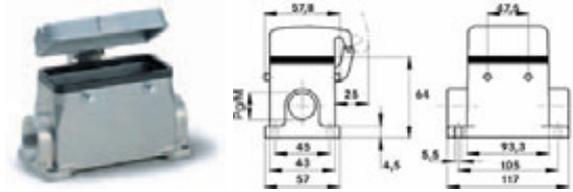
**Accessories**

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

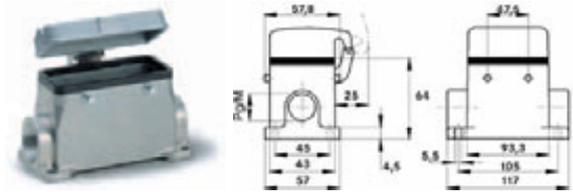
### EPIC® H-B 16 SGRLH



### EPIC® H-B 16 SDR-BO



### EPIC® H-B 16 SDRL-BO



#### Benefits

- The housing standard. Wide choice for all applications

#### Application range

- Plant engineering
- Light & Sound technology
- Plastics industry

#### Product features

##### EPIC® H-B 16 SGRLH

- Surface mount base, high version
- Double levers
- 2 cable entries

##### EPIC® H-B 16 SDR-BO

- Surface mount base, low version
- Bolts for double levers
- 1 cable entry
- Metal cover

##### EPIC® H-B 16 SDRL-BO

- Surface mount base, low version
- Bolts for double levers
- 2 cable entries
- Metal cover

#### Suitable inserts

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

#### Technical data



##### Material

Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



##### Degree of protection

IP 65 (latched)



##### Range of temperature

-40°C - +100°C, temporary up to +125°C

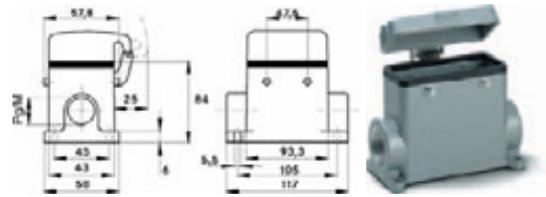
Part number	Part	M	PG	Pieces / PU
<b>H-B housing: Surface mount base (2 cable entries, double lever, high version)</b>				
70086200	H-B 16 SGRLH 21		21	5
70086400	H-B 16 SGRLH 29		29	5
79086200	H-B 16 SGRLH M25	25		5
79086400	H-B 16 SGRLH M32	32		5
<b>H-B housing: Surface mount base (cover, 1 cable entry, bolts for double lever)</b>				
10076000	H-B 16 SDR-BO 21		21	5
19076000	H-B 16 SDR-BO M25	25		5
<b>H-B housing: Surface mount base (cover, 2 cable entries, bolts for double lever)</b>				
70096000	H-B 16 SDRL-BO 21		21	5
79096000	H-B 16 SDRL-BO M25	25		5

Photographs are not to scale and do not represent detailed images of the respective products.

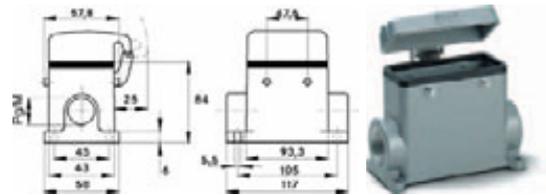
#### Accessories

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

**EPIC® H-B 16 SDRH-BO**



**EPIC® H-B 16 SDRLH-BO**



**Benefits**

- The housing standard. Wide choice for all applications

**Application range**

- Plant engineering
- Light & Sound technology
- Plastics industry

**Product features**

**EPIC® H-B 16 SDRH-BO**

- Surface mount base, high version
- Bolts for double levers
- 1 cable entry
- Metal cover

**EPIC® H-B 16 SDRLH-BO**

- Surface mount base, high version
- Bolts for double levers
- 2 cable entries
- Metal cover

**Suitable inserts**

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**



**Material**

Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



**Degree of protection**

IP 65 (latched)



**Range of temperature**

-40°C - +100°C, temporary up to +125°C

Part number	Part	M	PG	Pieces / PU
<b>H-B housing: Surface mount base (cover, 1 cable entry, bolts for double lever, high version)</b>				
70095200	H-B 16 SDRH-BO 21		21	5
70095400	H-B 16 SDRH-BO 29		29	5
79095200	H-B 16 SDRH-BO M25	25		5
79095400	H-B 16 SDRH-BO M32	32		5
<b>H-B housing: Surface mount base (cover, 2 cable entries, bolt for double lever, high version)</b>				
70096200	H-B 16 SDRLH-BO 21		21	5
79096200	H-B 16 SDRLH-BO M25	25		5
79096400	H-B 16 SDRLH-BO M32	32		5

Photographs are not to scale and do not represent detailed images of the respective products.

**Accessories**

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

### EPIC® H-B 16 TBF-LB



### EPIC® H-B 16 TBFH-LB



### EPIC® H-B 16 TBF



#### Benefits

- The housing standard. Wide choice for all applications

#### Application range

- Plant engineering
- Light & Sound technology
- Plastics industry

#### Product features

##### EPIC® H-B 16 TBF-LB

- Cable coupler hood, low version
- Single lever
- Straight cable entry
- Versions with / without neck

##### EPIC® H-B 16 TBFH-LB

- Cable coupler hood, high version
- Single lever
- Straight cable entry
- Versions with / without neck

##### EPIC® H-B 16 TBF

- Cable coupler hood, low version
- Double levers
- Straight cable entry
- Versions with / without neck

#### Suitable inserts

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

#### Technical data



##### Material

Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



##### Degree of protection

IP 65 (latched)



##### Range of temperature

**EPIC® H-B 16 TBFH-LB**  
-40°C - +100°C, temporary up to +125°C  
**EPIC® H-B 16 TBF**  
-40°C - +100°C, temporary up to +125°C

Part number	Part	M	PG	Neck	Pieces / PU
<b>H-B housing: Cable coupler hood (straight cable entry, single lever)</b>					
10086900	H-B 16 TBF-LB 21		21	yes	5
19086900	H-B 16 TBF-LB 25	25			5
<b>H-B housing: Cable coupler hood (straight cable entry, single lever, high version)</b>					
70092200	H-B 16 TBFH-LB 21		21	yes	5
70092400	H-B 16 TBFH-LB 29		29	yes	5
79092200	H-B 16 TBFH-LB M25	25			5
79092400	H-B 16 TBFH-LB M32	32			5
<b>H-B housing: Cable coupler hood (straight cable entry, double lever)</b>					
10086000	H-B 16 TBF 21		21	yes	5
19086000	H-B 16 TBF M25	25			5

Photographs are not to scale and do not represent detailed images of the respective products.

#### Accessories

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

**EPIC® H-B 16 TBFH**



**Benefits**

- The housing standard. Wide choice for all applications

**Application range**

- Plant engineering
- Plastics industry
- Light & Sound technology

**Product features**

- Cable coupler hood, high version
- Double levers
- Straight cable entry
- Versions with / without neck

**Suitable inserts**

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**



**Material**

Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



**Degree of protection**

IP 65 (latched)



**Range of temperature**

-40°C - +100°C, temporary up to +125°C

Part number	Part	M	PG	Neck	Pieces / PU
<b>H-B housing: Cable coupler hood (straight cable entry, double lever, high version)</b>					
70090200	H-B 16 TBFH 21		21	yes	5
70090400	H-B 16 TBFH 29		29	yes	5
79090200	H-B 16 TBFH M25	25			5
79090400	H-B 16 TBFH M32	32			5

Photographs are not to scale and do not represent detailed images of the respective products.

**Accessories**

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

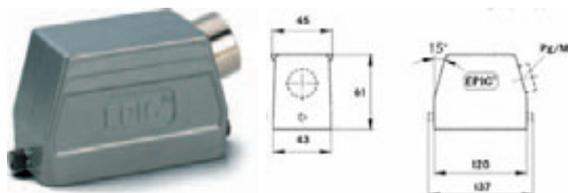
## EPIC® H-B 24 TG-RO



## EPIC® H-B 24 TGH-RO



## EPIC® H-B 24 TS-RO



### Benefits

- Ideal for many applications. Wide range of housings and inserts available

### Application range

- Plant engineering
- Light & Sound technology
- Plastics industry

### Product features

#### EPIC® H-B 24 TG-RO

- Hood, low version
- Reels for single lever
- Straight cable entry
- Versions with / without neck

#### EPIC® H-B 24 TGH-RO

- Hood, high version
- Reels for single lever
- Straight cable entry
- Versions with / without neck

#### EPIC® H-B 24 TS-RO

- Hood, low version
- Reels for single lever
- Side cable entry
- Versions with neck

### Suitable inserts

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

### Technical data



#### Material

Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



#### Degree of protection

IP 65 (latched)



#### Range of temperature

-40°C - +100°C, temporary up to +125°C

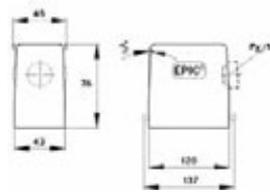
Part number	Part	M	PG	Neck	Pieces / PU
<b>H-B housing: Hood (straight cable entry, bolts for single lever)</b>					
10121900	H-B 24 TG-RO 21		21	yes	5
10111900	H-B 24 TG-RO 29		29	yes	5
19121900	H-B 24 TG-RO M25	25			5
19111900	H-B 24 TG-RO M32	32			5
<b>H-B housing: Hood (straight cable entry, bolts for single lever, high version)</b>					
70144400	H-B 24 TGH-RO 21		21	yes	5
70144600	H-B 24 TGH-RO 29		29	yes	5
79144400	H-B 24 TGH-RO M25	25			5
79144600	H-B 24 TGH-RO M32	32			5
79144800	H-B 24 TGH-RO M40	40			5
<b>H-B housing: Hood (side cable entry, bolts for single lever)</b>					
10113900	H-B 24 TS-RO 21		21	yes	5
10123900	H-B 24 TS-RO 29		29	yes	5
19113900	H-B 24 TS-RO M25	25		yes	5
19123900	H-B 24 TS-RO M32	32		yes	5

Photographs are not to scale and do not represent detailed images of the respective products.

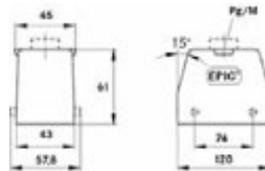
### Accessories

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

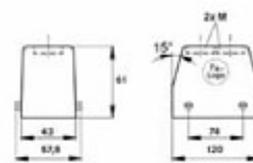
**EPIC® H-B 24 TSH-RO**



**EPIC® H-B 24 TG**



**EPIC® H-B 24 TG 2X**



**Benefits**

- Ideal for many applications. Wide range of housings and inserts available

**Application range**

- Plant engineering
- Light & Sound technology
- Plastics industry

**Product features**

**EPIC® H-B 24 TSH-RO**

- Hood, high version
- Reels for single lever
- Side cable entry
- Versions with / without neck

**EPIC® H-B 24 TG**

- Hood, low version
- Bolts for double levers
- Straight cable entry
- Versions with / without neck

**EPIC® H-B 24 TG 2X**

- Hood, low version
- Bolts for double levers
- 2 straight cable entries
- Versions with neck

**Suitable inserts**

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**



**Material**  
Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



**Degree of protection**  
IP 65 (latched)



**Range of temperature**  
-40 °C - +100 °C, temporary up to +125 °C

Part number	Part	M	PG	Neck	Pieces / PU
<b>H-B housing: Hood (side cable entry, bolts for single lever, high version)</b>					
70154400	H-B 24 TSH-RO 21		21	yes	5
70154600	H-B 24 TSH-RO 29		29	yes	5
79154400	H-B 24 TSH-RO M25	25			5
79154600	H-B 24 TSH-RO M32	32			5
79154800	H-B 24 TSH-RO M40	40			5
<b>H-B housing: Hood (straight cable entry, bolts for double lever)</b>					
10121000	H-B 24 TG 21		21	yes	5
10111000	H-B 24 TG 29		29	yes	5
19121000	H-B 24 TG M25	25			5
19111000	H-B 24 TG M32	32			5
<b>H-B housing: Hood (2 straight cable entries, bolts for double lever)</b>					
44422019	H-B 24 TG 2XM25	2 x 25		yes	5
44422020	H-B 24 TG 2XM32	2 x 32		yes	5

Photographs are not to scale and do not represent detailed images of the respective products.

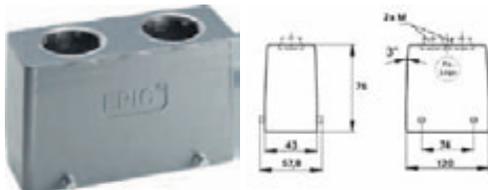
**Accessories**

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

## EPIC® H-B 24 TGH



## EPIC® H-B 24 TGH 2X



### Benefits

- Ideal for many applications. Wide range of housings and inserts available

### Application range

- Plant engineering
- Light & Sound technology
- Plastics industry

### Product features

#### EPIC® H-B 24 TGH

- Hood, high version
- Bolts for double levers
- Straight cable entry
- Versions with / without neck

#### EPIC® H-B 24 TGH 2X

- Hood, high version
- Bolts for double levers
- 2 straight cable entries
- Versions without neck

### Suitable inserts

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

### Technical data



#### Material

Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



#### Degree of protection

IP 65 (latched)



#### Range of temperature

-40°C - +100°C, temporary up to +125°C

Part number	Part	M	PG	Neck	Pieces / PU
<b>H-B housing: Hood (straight cable entry, bolts for double lever, high version)</b>					
70150400	H-B 24 TGH 21		21	yes	5
70150600	H-B 24 TGH 29		29	yes	5
79150400	H-B 24 TGH M25	25			5
79150600	H-B 24 TGH M32	32			5
79150800	H-B 24 TGH M40	40			5
<b>H-B housing: Hood (2 straight cable entries, bolts for double lever, high version)</b>					
44422021	H-B 24 TGH 2XM25	2 x 25			5
79178500	H-B 24 TGH 2XM32	2 x 32			5

Photographs are not to scale and do not represent detailed images of the respective products.

### Accessories

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

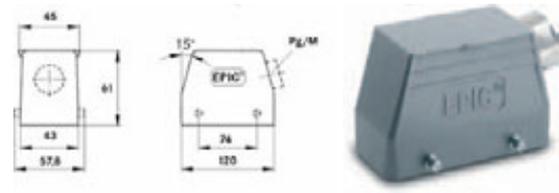
**EPIC® H-B 24 TGB**



**EPIC® H-B 24 TGBH**



**EPIC® H-B 24 TS**



**Benefits**

- Ideal for many applications. Wide range of housings and inserts available

**Application range**

- Plant engineering
- Light & Sound technology
- Plastics industry

**Product features**

**EPIC® H-B 24 TGB**

- Hood, low version
- Double levers
- Straight cable entry
- Versions with / without neck

**EPIC® H-B 24 TGBH**

- Hood, high version
- Double levers
- Straight cable entry
- Versions with / without neck

**EPIC® H-B 24 TS**

- Hood, low version
- Bolts for double levers
- Side cable entry
- Versions with neck

**Suitable inserts**

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**



**Material**  
Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



**Degree of protection**  
IP 65 (latched)



**Range of temperature**  
-40 °C - +100 °C, temporary up to +125 °C

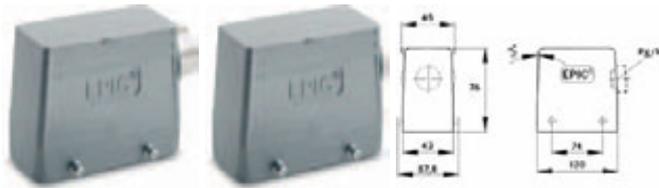
Part number	Part	M	PG	Neck	Pieces / PU
<b>H-B housing: Hood (straight cable entry, double lever)</b>					
10122000	H-B 24 TGB 21		21	yes	5
10112000	H-B 24 TGB 29		29	yes	5
19122000	H-B 24 TGB M25	25			5
19112000	H-B 24 TGB M32	32			5
<b>H-B housing: Hood (straight cable entry, double lever, high version)</b>					
70155400	H-B 24 TGBH 21		21	yes	5
70155600	H-B 24 TGBH 29		29	yes	5
79155400	H-B 24 TGBH M25	25			5
79155600	H-B 24 TGBH M32	32			5
<b>H-B housing: Hood (side cable entry, bolts for double lever)</b>					
10113000	H-B 24 TS 21		21	yes	5
10123000	H-B 24 TS 29		29	yes	5
19113000	H-B 24 TS M25	25		yes	5
19123000	H-B 24 TS M32	32		yes	5

Photographs are not to scale and do not represent detailed images of the respective products.

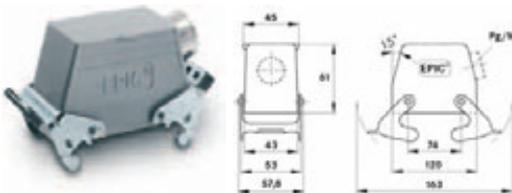
**Accessories**

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

## EPIC® H-B 24 TSH



## EPIC® H-B 24 TSB



## EPIC® H-B 24 TSBH



### Benefits

- Ideal for many applications. Wide range of housings and inserts available

### Application range

- Plant engineering
- Light & Sound technology
- Plastics industry

### Product features

#### EPIC® H-B 24 TSH

- Hood, high version
- Bolts for double levers
- Side cable entry
- Versions with / without neck

#### EPIC® H-B 24 TSB

- Hood, low version
- Double levers
- Side cable entry
- Versions with neck

#### EPIC® H-B 24 TSBH

- Hood, high version
- Double levers
- Side cable entry
- Versions with / without neck

### Suitable inserts

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

### Technical data



#### Material

Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



#### Degree of protection

IP 65 (latched)



#### Range of temperature

-40°C - +100°C, temporary up to +125°C

Part number	Part	M	PG	Neck	Pieces / PU
<b>H-B housing: Hood (side cable entry, bolts for double lever, high version)</b>					
70152400	H-B 24 TSH 21		21	yes	5
70152600	H-B 24 TSH 29		29	yes	5
79152400	H-B 24 TSH M25	25			5
79152600	H-B 24 TSH M32	32			5
79152800	H-B 24 TSH M40	40			5
<b>H-B housing: Hood (side cable entry, double lever)</b>					
10114000	H-B 24 TSB 21		21	yes	5
10124000	H-B 24 TSB 29		29	yes	5
19114000	H-B 24 TSB M25	25		yes	5
19124000	H-B 24 TSB M32	32		yes	5
<b>H-B housing: Hood (side cable entry, double lever, high version)</b>					
70157400	H-B 24 TSBH 21		21	yes	5
70157600	H-B 24 TSBH 29		29	yes	5
79157400	H-B 24 TSBH M25	25			5
79157600	H-B 24 TSBH M32	32			5

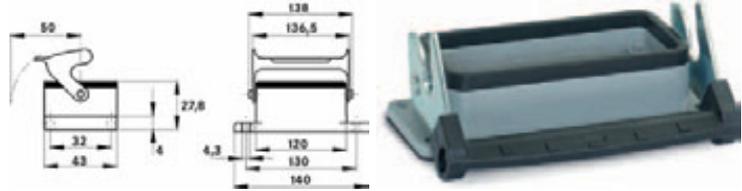
Photographs are not to scale and do not represent detailed images of the respective products.

### Accessories

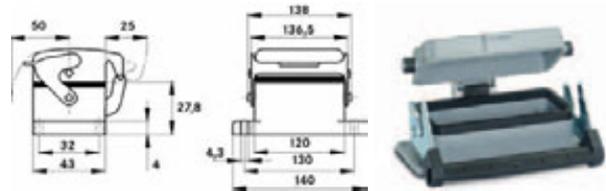
- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS



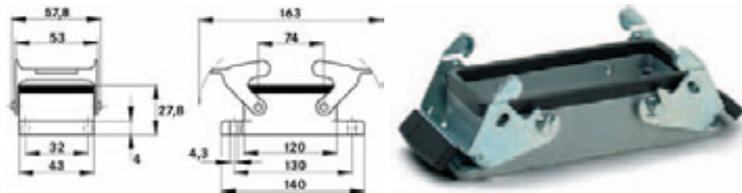
**EPIC® H-B 24 AG-LB**



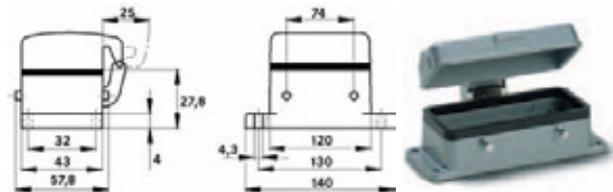
**EPIC® H-B 24 AD-LB**



**EPIC® H-B 24 AG**



**EPIC® H-B 24 AD-BO**



**Benefits**

- Ideal for many applications. Wide range of housings and inserts available

**Application range**

- Plant engineering
- Light & Sound technology
- Plastics industry

**Product features**

**EPIC® H-B 24 AG-LB**

- Panel mount base
- Single lever
- Including flat gasket

**EPIC® H-B 24 AD-LB**

- Panel mount base
- Single lever
- Metal cover
- Including flat gasket

**EPIC® H-B 24 AG**

- Panel mount base
- Double levers
- Including flat gasket

**EPIC® H-B 24 AD-BO**

- Panel mount base
- Bolts for double levers
- Metal cover
- Including flat gasket

**Suitable inserts**

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**



**Material**

Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



**Degree of protection**

IP 65 (latched)



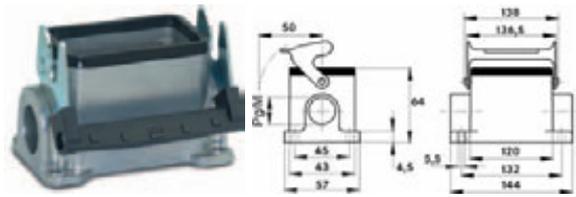
**Range of temperature**

-40 °C - +100 °C, temporary up to +125 °C

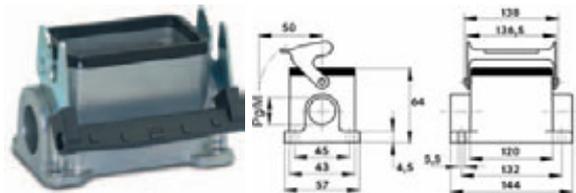
Part number	Part	Pieces / PU
<b>H-B housing: Panel mount base (single lever)</b>		
10102900	H-B 24 AG-LB	5
<b>H-B housing: Panel mount base (protective cover, single lever)</b>		
10103900	H-B 24 AD-LB	5
<b>H-B housing: Panel mount base (double lever)</b>		
10102000	H-B 24 AG	5
<b>H-B housing: Panel mount base (cover, bolts for double lever)</b>		
10103000	H-B 24 AD-BO	5

Photographs are not to scale and do not represent detailed images of the respective products.

## EPIC® H-B 24 SGR-LB



## EPIC® H-B 24 SGRL-LB



### Benefits

- Ideal for many applications. Wide range of housings and inserts available

### Application range

- Plant engineering
- Light & Sound technology
- Plastics industry

### Product features

#### EPIC® H-B 24 SGR-LB

- Surface mount base, low version
- Single lever
- 1 cable entry

#### EPIC® H-B 24 SGRL-LB

- Surface mount base, low version
- Single lever
- 2 cable entries

### Suitable inserts

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

### Technical data

	<b>Material</b> Housing: aluminium alloy powder-coated grey Lever: steel, zinc-plated Sealing: NBR
	<b>Degree of protection</b> IP 65 (latched)
	<b>Range of temperature</b> -40°C - +100°C, temporary up to +125°C

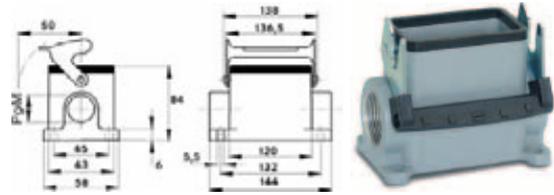
Part number	Part	M	PG	Pieces / PU
<b>H-B housing: Surface mount base (1 cable entry, single lever)</b>				
10104900	H-B 24 SGR-LB 21		21	5
19104900	H-B 24 SGR-LB M25	25		5
<b>H-B housing: Surface mount base (2 cable entries, single lever)</b>				
10105900	H-B 24 SGRL-LB 21		21	5
19105900	H-B 24 SGRL-LB M25	25		5

Photographs are not to scale and do not represent detailed images of the respective products.

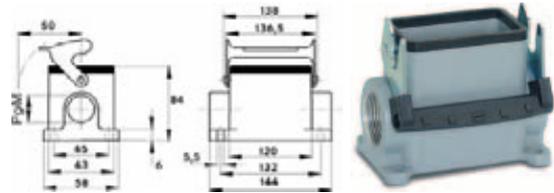
### Accessories

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

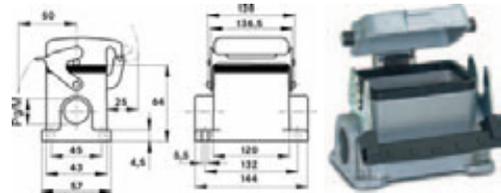
**EPIC® H-B 24 SGRH-LB**



**EPIC® H-B 24 SGR LH-LB**



**EPIC® H-B 24 SDR-LB**



**Benefits**

- Ideal for many applications. Wide range of housings and inserts available

**Application range**

- Plant engineering
- Light & Sound technology
- Plastics industry

**Product features**

**EPIC® H-B 24 SGRH-LB**

- Surface mount base, high version
- Single lever
- 1 cable entry

**EPIC® H-B 24 SGR LH-LB**

- Surface mount base, high version
- Single lever
- 2 cable entries

**EPIC® H-B 24 SDR-LB**

- Surface mount base, low version
- Single lever
- 1 cable entry
- Metal cover

**Suitable inserts**

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**



**Material**  
Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



**Degree of protection**  
IP 65 (latched)



**Range of temperature**  
-40 °C - +100 °C, temporary up to +125 °C

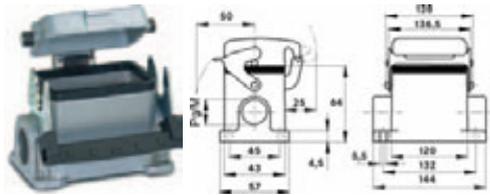
Part number	Part	M	PG	Pieces / PU
<b>H-B housing: Surface mount base (1 cable entry, single lever, high version)</b>				
70160200	H-B 24 SGRH-LB 21		21	5
70160400	H-B 24 SGRH-LB 29		29	5
79160200	H-B 24 SGRH-LB M25	25		5
79160400	H-B 24 SGRH-LB M32	32		5
<b>H-B housing: Surface mount base (2 cable entries, single lever, high version)</b>				
70161200	H-B 24 SGR LH-LB 21		21	5
70161400	H-B 24 SGR LH-LB 29		29	5
79161200	H-B 24 SGR LH-LB M25	25		5
79161400	H-B 24 SGR LH-LB M32	32		5
<b>H-B housing: Surface mount base (cover, 1 cable entry, single lever)</b>				
10107900	H-B 24 SDR-LB 21		21	5
19107900	H-B 24 SDR-LB M25	25		5

Photographs are not to scale and do not represent detailed images of the respective products.

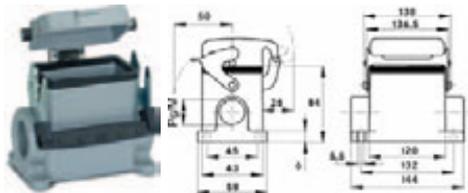
**Accessories**

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

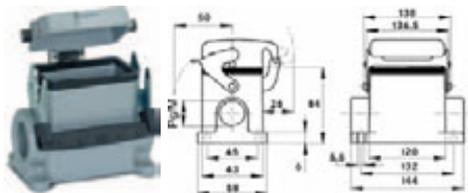
### EPIC® H-B 24 SDRL-LB



### EPIC® H-B 24 SDRH-LB



### EPIC® H-B 24 SDRLH-LB



#### Benefits

- Ideal for many applications. Wide range of housings and inserts available

#### Application range

- Plant engineering
- Light & Sound technology
- Plastics industry

#### Product features

##### EPIC® H-B 24 SDRL-LB

- Surface mount base, low version
- Single lever
- 2 cable entries
- Metal cover

##### EPIC® H-B 24 SDRH-LB

- Surface mount base, high version
- Single lever
- 1 cable entry
- Metal cover

##### EPIC® H-B 24 SDRLH-LB

- Surface mount base, high version
- Single lever
- 2 cable entries
- Metal cover

#### Suitable inserts

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

#### Technical data



##### Material

Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



##### Degree of protection

IP 65 (latched)



##### Range of temperature

-40°C - +100°C, temporary up to +125°C

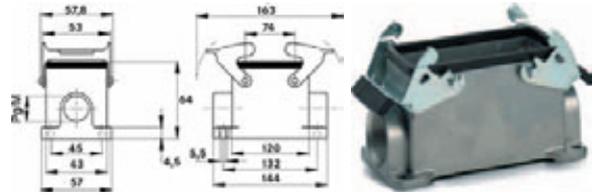
Part number	Part	M	PG	Pieces / PU
<b>H-B housing: Surface mount base (cover, 2 cable entries, single lever)</b>				
10109900	H-B 24 SDRL-LB 21		21	5
19109900	H-B 24 SDRL-LB M25	25		5
<b>H-B housing: Surface mount base (cover, 1 cable entry, single lever, high version)</b>				
70164200	H-B 24 SDRH-LB 21		21	5
70164400	H-B 24 SDRH-LB 29		29	5
79164200	H-B 24 SDRH-LB M25	25		5
79164400	H-B 24 SDRH-LB M32	32		5
<b>H-B housing: Surface mount base (cover, 2 cable entries, single lever, high version)</b>				
70165200	H-B 24 SDRLH-LB 21		21	5
70165400	H-B 24 SDRLH-LB 29		29	5
79165200	H-B 24 SDRLH-LB M25	25		5
79165400	H-B 24 SDRLH-LB M32	32		5

Photographs are not to scale and do not represent detailed images of the respective products.

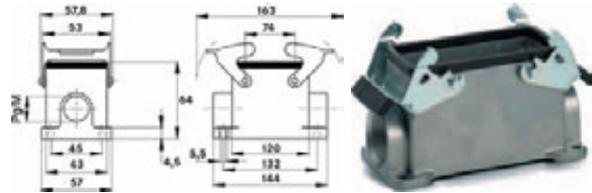
#### Accessories

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

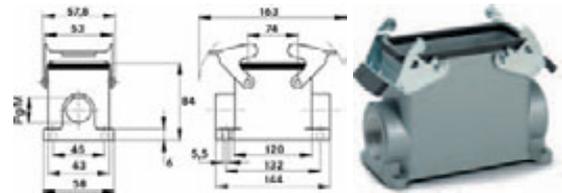
**EPIC® H-B 24 SGR**



**EPIC® H-B 24 SGRL**



**EPIC® H-B 24 SGRH**



**Benefits**

- Ideal for many applications. Wide range of housings and inserts available

**Application range**

- Plant engineering
- Light & Sound technology
- Plastics industry

**Product features**

**EPIC® H-B 24 SGR**

- Surface mount base, low version
- Double levers
- 1 cable entry

**EPIC® H-B 24 SGRL**

- Surface mount base, low version
- Double levers
- 2 cable entries

**EPIC® H-B 24 SGRH**

- Surface mount base, high version
- Double levers
- 1 cable entry

**Suitable inserts**

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**



**Material**  
Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



**Degree of protection**  
IP 65 (latched)



**Range of temperature**  
-40°C - +100°C, temporary up to +125°C

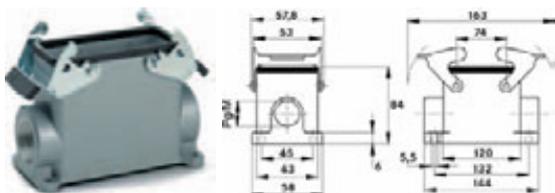
Part number	Part	M	PG	Pieces / PU
<b>H-B housing: Surface mount base (1 cable entry, double lever)</b>				
10104000	H-B 24 SGR 21		21	5
19104000	H-B 24 SGR M25	25		5
<b>H-B housing: Surface mount base (2 cable entries, double lever)</b>				
10105000	H-B 24 SGRL 21		21	5
19105000	H-B 24 SGRL M25	25		5
<b>H-B housing: Surface mount base (1 cable entry, double lever, high version)</b>				
70135200	H-B 24 SGRH 21		21	5
70135400	H-B 24 SGRH 29		29	5
79135200	H-B 24 SGRH M25	25		5
79135400	H-B 24 SGRH M32	32		5

Photographs are not to scale and do not represent detailed images of the respective products.

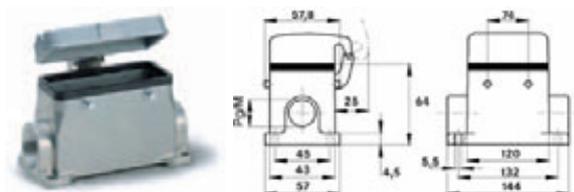
**Accessories**

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

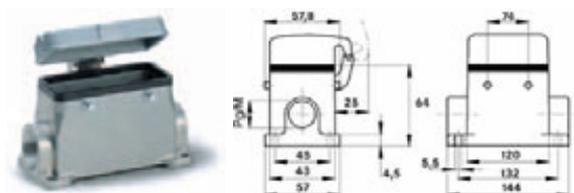
### EPIC® H-B 24 SGRLH



### EPIC® H-B 24 SDR-BO



### EPIC® H-B 24 SDRL-BO



#### Benefits

- Ideal for many applications. Wide range of housings and inserts available

#### Application range

- Plant engineering
- Light & Sound technology
- Plastics industry

#### Product features

##### EPIC® H-B 24 SGRLH

- Surface mount base, high version
- Double levers
- 2 cable entries

##### EPIC® H-B 24 SDR-BO

- Surface mount base, low version
- Bolts for double levers
- 1 cable entry
- Metal cover

##### EPIC® H-B 24 SDRL-BO

- Surface mount base, low version
- Bolts for double levers
- 2 cable entries
- Metal cover

#### Suitable inserts

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

#### Technical data



##### Material

Housing:  
aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



##### Degree of protection

IP 65 (latched)



##### Range of temperature

-40°C - +100°C, temporary up to +125°C

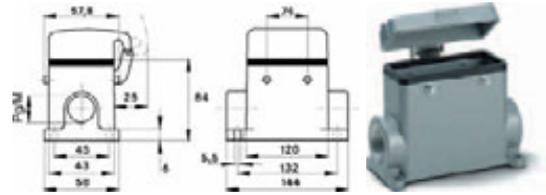
Part number	Part	M	PG	Pieces / PU
<b>H-B housing: Surface mount base (2 cable entries, double lever, high version)</b>				
70136200	H-B 24 SGRLH 21		21	5
70136400	H-B 24 SGRLH 29		29	5
79136200	H-B 24 SGRLH M25	25		5
79136400	H-B 24 SGRLH M32	32		5
<b>H-B housing: Surface mount base (cover, 1 cable entry, bolts for double lever)</b>				
10107000	H-B 24 SDR-BO 21		21	5
19107000	H-B 24 SDR-BO M25	25		5
<b>H-B housing: Surface mount base (cover, 2 cable entries, bolts for double lever)</b>				
10109000	H-B 24 SDRL-BO 21		21	5
19109000	H-B 24 SDRL-BO M25	25		5

Photographs are not to scale and do not represent detailed images of the respective products.

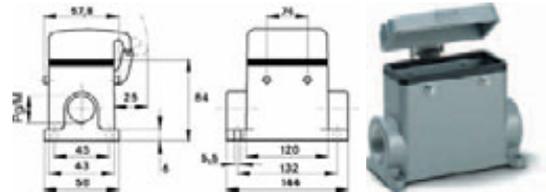
#### Accessories

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

**EPIC® H-B 24 SDRH-BO**



**EPIC® H-B 24 SDRLH-BO**



**Benefits**

- Ideal for many applications. Wide range of housings and inserts available

**Application range**

- Plant engineering
- Light & Sound technology
- Plastics industry

**Product features**

**EPIC® H-B 24 SDRH-BO**

- Surface mount base, high version
- Bolts for double levers
- 1 cable entry
- Metal cover

**EPIC® H-B 24 SDRLH-BO**

- Surface mount base, high version
- Bolts for double levers
- 2 cable entries
- Metal cover

**Suitable inserts**

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**



**Material**  
Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



**Degree of protection**  
IP 65 (latched)



**Range of temperature**  
-40°C - +100°C, temporary up to +125°C

Part number	Part	M	PG	Pieces / PU
<b>H-B housing: Surface mount base (cover, 1 cable entry, bolts for double lever, high version)</b>				
70145200	H-B 24 SDRH-BO 21		21	5
70145400	H-B 24 SDRH-BO 29		29	5
79145400	H-B 24 SDRH-BO M32	32		5
<b>H-B housing: Surface mount base (cover, 2 cable entries, bolt for double lever, high version)</b>				
70146200	H-B 24 SDRLH-BO 21		21	5
70146400	H-B 24 SDRLH-BO 29		29	5
79146400	H-B 24 SDRLH-BO M32	32		5

Photographs are not to scale and do not represent detailed images of the respective products.

**Accessories**

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

**EPIC® H-B 24 TBF-LB**



**EPIC® H-B 24 TBFH-LB**



**EPIC® H-B 24 TBF**



**EPIC® H-B 24 TBFH**



**Benefits**

- Ideal for many applications. Wide range of housings and inserts available

**Application range**

- Plant engineering
- Light & Sound technology
- Plastics industry

**Product features**

- Cable coupler hood, high version
- Double levers
- Straight cable entry
- Versions with / without neck

**Suitable inserts**

- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**



**Material**

Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



**Degree of protection**

IP 65 (latched)



**Range of temperature**

-40 °C - +100 °C, temporary up to +125 °C

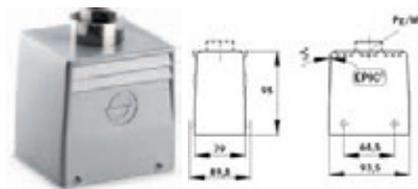
Part number	Part	M	PG	Neck	Pieces / PU
<b>H-B housing: Cable coupler hood (straight cable entry, double lever, high version)</b>					
70140400	H-B 24 TBFH 21		21	yes	5
70140600	H-B 24 TBFH 29		29	yes	5
79140400	H-B 24 TBFH M25	25			5
79140600	H-B 24 TBFH M32	32			5

Photographs are not to scale and do not represent detailed images of the respective products.

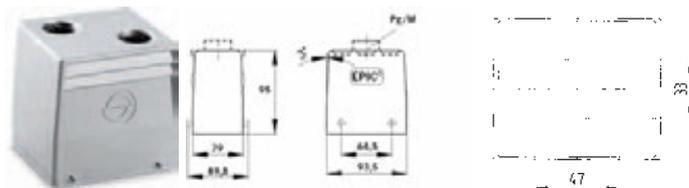
**Accessories**

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

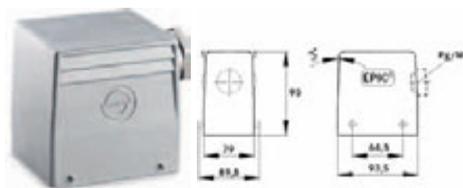
### EPIC® H-B 32 TG



### EPIC® H-B 32 TG 2X



### EPIC® H-B 32 TS



#### Benefits

- Two inserts in one housing. With two levers for high safety

#### Application range

- Plant engineering
- Control engineering
- Plastics industry

#### Product features

##### EPIC® H-B 32 TG

- Hood
- Bolts for double levers
- Straight cable entry
- Versions with / without neck

##### EPIC® H-B 32 TG 2X

- Hood
- Bolts for double levers
- 2 straight cable entries
- Versions without neck

##### EPIC® H-B 32 TS

- Hood
- Bolts for double levers
- Side cable entry
- Versions with / without neck

#### Suitable inserts

- H-B 32 housings can also be assembled with 2 different inserts for housing size H-B 16
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

#### Technical data



##### Material

Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



##### Degree of protection

IP 65 (latched)



##### Range of temperature

-40°C - +100°C, temporary up to +125°C

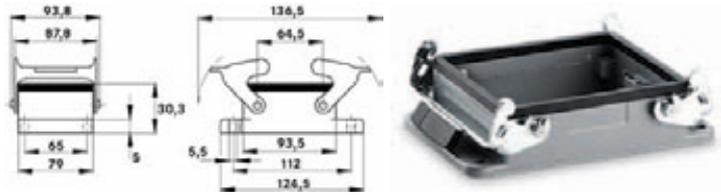
Part number	Part	M	PG	Neck	Pieces / PU
<b>H-B housing: Hood (straight cable entry, bolts for double lever)</b>					
10133000	H-B 32 TG 21		21	yes	5
10134000	H-B 32 TG 29		29	yes	5
19134000	H-B 32 TG M32	32			5
19134400	H-B 32 TG M40	40			5
<b>H-B housing: Hood (2 straight cable entries, bolts for double lever)</b>					
44422022	H-B 32 TG 2XM25	2 x 25			5
44422023	H-B 32 TG 2XM32	2 x 32			5
<b>H-B housing: Hood (side cable entry, bolts for double lever)</b>					
10135000	H-B 32 TS 21		21	yes	5
10136000	H-B 32 TS 29		29	yes	5
10135600	H-B 32 TS 29		29		5
19135000	H-B 32 TS M25	25			5
19136000	H-B 32 TS M32	32			5
19136200	H-B 32 TS M40	40			5

Photographs are not to scale and do not represent detailed images of the respective products.

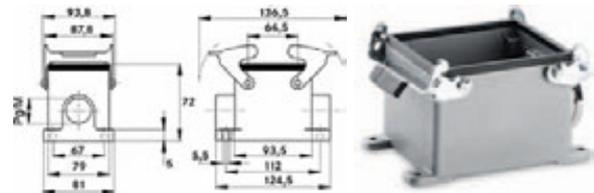
#### Accessories

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

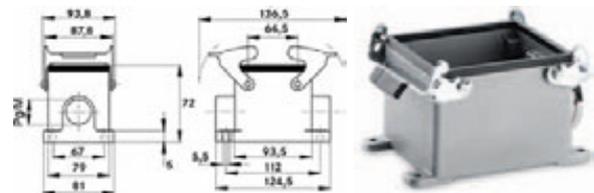
**EPIC® H-B 32 AG**



**EPIC® H-B 32 SGR**



**EPIC® H-B 32 SGRL**



**Benefits**

- Two inserts in one housing. With two levers for high safety

**Application range**

- Plant engineering
- Control engineering
- Plastics industry

**Product features**

**EPIC® H-B 32 AG**

- Panel mount base
- Double levers
- Including flat gasket

**EPIC® H-B 32 SGR**

- Surface mount base
- Double levers
- 1 cable entry

**EPIC® H-B 32 SGRL**

- Surface mount base
- Double levers
- 2 cable entries

**Suitable inserts**

- H-B 32 housings can also be assembled with 2 different inserts for housing size H-B 16
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**



**Material**  
Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



**Degree of protection**  
IP 65 (latched)



**Range of temperature**  
-40 °C - +100 °C, temporary up to +125 °C

Part number	Part	M	PG	Pieces / PU
<b>H-B housing: Panel mount base (double lever)</b>				
10132000	H-B 32 AG			5
<b>H-B housing: Surface mount base (1 cable entry, double lever)</b>				
10137000	H-B 32 SGR 29		29	5
19137000	H-B 32 SGR M32	32		5
19146400	H-B 32 SGR M40	40		5
<b>H-B housing: Surface mount base (2 cable entries, double lever)</b>				
10138000	H-B 32 SGRL 29		29	5
19138000	H-B 32 SGRL M32	32		5
19145400	H-B 32 SGRL M40	40		5

Photographs are not to scale and do not represent detailed images of the respective products.

**Accessories**

**EPIC® H-B 32 SGR**

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

**EPIC® H-B 32 SGRL**

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

## EPIC® H-B 32 TBFH



### Benefits

- Two inserts in one housing. With two levers for high safety

### Application range

- Plant engineering
- Control engineering
- Plastics industry

### Product features

- Cable coupler hood, high version
- Double levers
- Straight cable entry
- Versions with / without neck

### Suitable inserts

- H-B 32 housings can also be assembled with 2 different inserts for housing size H-B 16
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

### Technical data



#### Material

Housing:  
aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



#### Degree of protection

IP 65 (latched)



#### Range of temperature

-40°C - +100°C, temporary up to +125°C

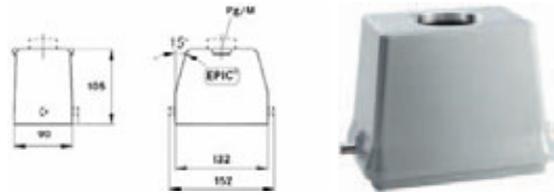
Part number	Part	M	PG	Neck	Pieces / PU
<b>H-B housing: Cable coupler hood (straight cable entry, double lever, high version)</b>					
10139500	H-B 32 TBFH 29		29	yes	5
19139500	H-B 32 TBFH M32	32			5

Photographs are not to scale and do not represent detailed images of the respective products.

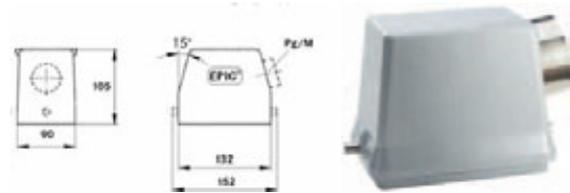
### Accessories

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

**EPIC® H-B 48 TG**



**EPIC® H-B 48 TS**



**Benefits**

- The big, robust housing for two inserts in one connector. Power and data in one connector

**Application range**

- Plant engineering
- Plastics industry

**Product features**

**EPIC® H-B 48 TG**

- Hood
- Bolts for single lever
- Straight cable entry
- Versions with / without neck

**EPIC® H-B 48 TS**

- Hood
- Bolts for single lever
- Side cable entry
- Versions with / without neck

**Suitable inserts**

- H-B 48 housings can also be assembled with 2 different inserts for housing size H-B 24
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**



**Material**

Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



**Degree of protection**

IP 65 (latched)



**Range of temperature**

-40°C - +100°C, temporary up to +125°C

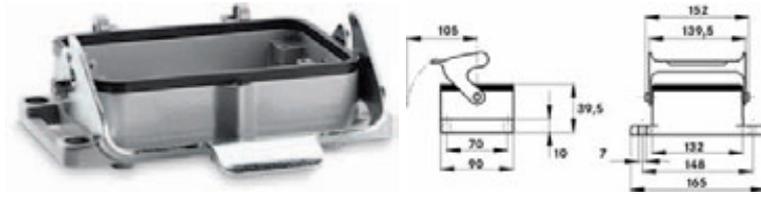
Part number	Part	M	PG	Neck	Pieces / PU
<b>H-B housing: Hood (straight cable entry, bolts for single lever)</b>					
10155000	H-B 48 TG 29		29	yes	1
10156000	H-B 48 TG 36		36	yes	1
10156200	H-B 48 TG 36		36		1
10157000	H-B 48 TG 42		42	yes	1
19155000	H-B 48 TG M32	32			1
19156000	H-B 48 TG M40	40			1
19157000	H-B 48 TG M50	50			1
<b>H-B housing: Hood (side cable entry, bolts for single lever)</b>					
10158000	H-B 48 TS 29		29	yes	1
10159000	H-B 48 TS 36		36	yes	1
10159200	H-B 48 TS 36		36		1
10160000	H-B 48 TS 42		42	yes	1
19158000	H-B 48 TS M32	32			1
19159000	H-B 48 TS M40	40			1
19160000	H-B 48 TS M50	50			1

Photographs are not to scale and do not represent detailed images of the respective products.

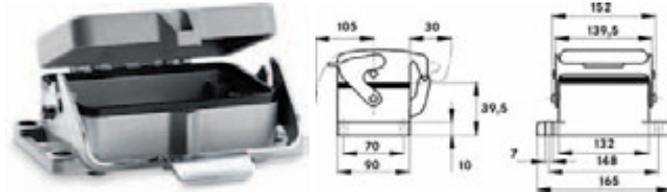
**Accessories**

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

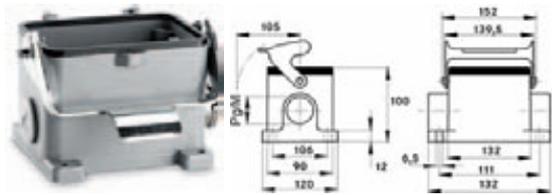
### EPIC® H-B 48 AG-LB



### EPIC® H-B 48 AD-LB



### EPIC® H-B 48 SGR-LB



**Benefits**

- The big, robust housing for two inserts in one connector. Power and data in one connector

**Application range**

- Plant engineering
- Plastics industry

**Product features**

**EPIC® H-B 48 AG-LB**

- Panel mount base
- Single lever
- Including flat gasket

**EPIC® H-B 48 AD-LB**

- Panel mount base
- Single lever
- Thermoplastics cover
- Including flat gasket

**EPIC® H-B 48 SGR-LB**

- Surface mount base
- Single lever
- 1 cable entry

**Suitable inserts**

- H-B 48 housings can also be assembled with 2 different inserts for housing size H-B 24
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**



**Material**  
Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



**Degree of protection**  
IP 65 (latched)



**Range of temperature**  
-40°C - +100°C, temporary up to +125°C

Part number	Part	M	PG	Pieces / PU
<b>H-B housing: Panel mount base (single lever)</b>				
10161000	H-B 48 AG-LB			1
<b>H-B housing: Panel mount base (protective cover, single lever)</b>				
10152000	H-B 48 AD-LB			1
<b>H-B housing: Surface mount base (1 cable entry, single lever)</b>				
10165000	H-B 48 SGR 29		29	1
10165100	H-B 48 SGR 36		36	1
19165000	H-B 48 SGR M32	32		1
19165100	H-B 48 SGR M40	40		1

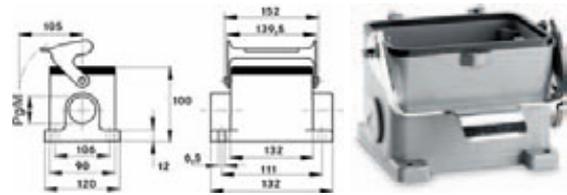
Photographs are not to scale and do not represent detailed images of the respective products.

**Accessories**

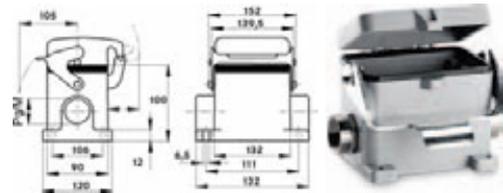
**EPIC® H-B 48 SGR-LB**

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

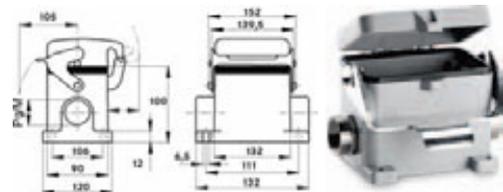
**EPIC® H-B 48 SGRL-LB**



**EPIC® H-B 48 SDR-LB**



**EPIC® H-B 48 SDRL-LB**



**Benefits**

- The big, robust housing for two inserts in one connector. Power and data in one connector

**Application range**

- Plant engineering
- Plastics industry

**Product features**

**EPIC® H-B 48 SGRL-LB**

- Surface mount base
- Single lever
- 2 cable entries

**EPIC® H-B 48 SDR-LB**

- Surface mount base
- Single lever
- 1 cable entry
- Thermoplastics cover

**EPIC® H-B 48 SDRL-LB**

- Surface mount base
- Single lever
- 2 cable entries
- Thermoplastics cover

**Suitable inserts**

- H-B 48 housings can also be assembled with 2 different inserts for housing size H-B 24
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**



**Material**

Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR



**Degree of protection**

IP 65 (latched)



**Range of temperature**

-40 °C - +100 °C, temporary up to +125 °C

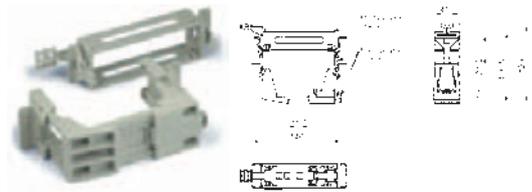
Part number	Part	M	PG	Pieces / PU
<b>H-B housing: Surface mount base (2 cable entries, single lever)</b>				
10166000	H-B 48 SGRL 29		29	1
10166100	H-B 48 SGRL 36		36	1
19166000	H-B 48 SGRL M32	32		1
19166100	H-B 48 SGRL M40	40		1
<b>H-B housing: Surface mount base (cover, 1 cable entry, single lever)</b>				
10167000	H-B 48 SDR 29		29	1
10167100	H-B 48 SDR 36		36	1
19167000	H-B 48 SDR M32	32		1
19167100	H-B 48 SDR M40	40		1
<b>H-B housing: Surface mount base (cover, 2 cable entries, single lever)</b>				
10168000	H-B 48 SDRL 29		29	1
10168100	H-B 48 SDRL 36		36	1
19168000	H-B 48 SDRL M32	32		1
19168100	H-B 48 SDRL M40	40		1

Photographs are not to scale and do not represent detailed images of the respective products.

**Accessories**

- SKINTOP® MS-M
- SKINTOP® for industrial connector
- SKINTOP® MS

## EPIC® QUICK & EASY Mounting system



### Application range

- Helpful accessories for an effective use of EPIC® rectangular connectors

### Product features

- For mounting inserts on DIN rails according to DIN N 50022
- Available as a complete set or as single parts (top parts for using as a cable connector or bottom part for mounting on a DIN rail)

- QUICK & EASY top parts are available in housing types H-B 6, H-B 10, H-B 16, H-B 24. The suitable size (number of contacts) of the different insert types are listed at the connector housings (H-B 6 ..H-B 24)

Part number	Part	Material	Version	Cycle of mechanical operation	Pieces / PU
<b>QUICK &amp; EASY Set</b>					
10027000	EPIC® H-B 6 Q+E Set	Polycarbonate	Complete, for inserts size H-B 6	max. 50	1
10027100	EPIC® H-B 10 Q+E Set	Polycarbonate	Complete, for inserts size H-B 10	max. 50	1
10027200	EPIC® H-B 16 Q+E Set	Polycarbonate	Complete, for inserts size H-B 16	max. 50	1
10027300	EPIC® H-B 24 Q+E Set	Polycarbonate	Complete, for inserts size H-B 24	max. 50	1
<b>QUICK &amp; EASY top parts</b>					
10027410	EPIC® H-B 6 Q+E top part	Polycarbonate	For inserts size H-B 6	max. 50	10
10027510	EPIC® H-B 10 Q+E top part	Polycarbonate	For inserts size H-B 10	max. 50	10
10027610	EPIC® H-B 16 Q+E top part	Polycarbonate	For inserts size H-B 16	max. 50	10
10027710	EPIC® H-B 24 Q+E top part	Polycarbonate	For inserts size H-B 24	max. 50	10
<b>QUICK &amp; EASY bottom part</b>					
10027810	EPIC® H-B 6-24 Quick and Easy bottom part	Polycarbonate	For inserts size H-B 6 - 24	max. 50	10

Photographs are not to scale and do not represent detailed images of the respective products.

## EPIC® QUICK & EASY Accessories



### Application range

- Helpful accessories for an effective use of EPIC® rectangular connectors
- This tool is used to lift built-in inserts out of the Q+E frames

Part number	Part	Version	Pieces / PU
<b>QUICK &amp; EASY Removal tool</b>			
10028100	QUICK & EASY Removal tool		1
<b>QUICK &amp; EASY Coding set</b>			
10028000	EPIC® Q+E Coding set	Key pin + coding plug	50

Photographs are not to scale and do not represent detailed images of the respective products.

## EPIC® Flat gaskets for housings H-A und H-B



## EPIC® Fixing screws



### Application range

- Helpful accessories for an effective use of EPIC® rectangular connectors

### Product features

#### EPIC® Flat gaskets for housings H-A und H-B

- Flat gaskets as spare parts for panel mount base housings

#### EPIC® Fixing screws

- Fixing screws for the mounting of inserts in H-A 3 housings

Part number	Part	Pieces / PU
<b>Flat gasket for panel mount base housing H-A</b>		
10607100	Flat gasket for panel mount base housing H-A 3	10
10607200	Flat gasket for panel mount base housing H-A 10	10
10607300	Flat gasket for panel mount base housing H-A 16	10
10607600	Flat gasket for panel mount base housing H-A 32	10
<b>Flat gasket for panel mount base H-B</b>		
10051000	Flat gasket for panel mount base housing H-B 6	10
10051200	Flat gasket for panel mount base housing H-B 10	10
10051400	Flat gasket for panel mount base housing H-B 16	10
10051600	Flat gasket for panel mount base housing H-B 24	10
10052000	Flat gasket for panel mount base housing H-B 32 / H-A 48	10
10052200	Flat gasket for panel mount base housing H-B 48	10
<b>Fixing screws</b>		
44423017	Screw with O-Ring for EPIC H-A 3/4, H-D7/8, H-Q 5	10
44423018	EPIC® STA Screw	10

Photographs are not to scale and do not represent detailed images of the respective products.

## EPIC® Coding parts



### Application range

- Helpful accessories for an effective use of EPIC® rectangular connectors

### Product features

- The Key pin replaces one or more insert fixing screws. This enables a simple method of connector-coding.

- H-A 3 / H-A 4 Codepin will be pressed into a socket contact. The corresponding pin contact must be removed. Therefore one electrical contact will be lost.

Part number	Part	Pieces / PU
<b>H-A 3/4 Codepin</b>		
10451400	EPIC® H-A 3/4 Codepin (50)	50
<b>Key pin</b>		
10019000	EPIC® Key pin (50)	50
<b>Guide pin, guide socket</b>		
11281000	EPIC® Guide socket (50)	50
11280000	EPIC® Guide pin (50)	50

Photographs are not to scale and do not represent detailed images of the respective products.

## EPIC® Protective cover H-A 3



## EPIC® Protective cover H-A



## EPIC® Protective cover H-B



### Product features

#### EPIC® Protective cover H-A 3

- Protective cover for H-A 3 housings in thermoplastics and metal

#### EPIC® Protective cover H-A

- Protective cover made of thermoplastics for H-A 10, H-A 16, H-A 32, H-A 48 housings

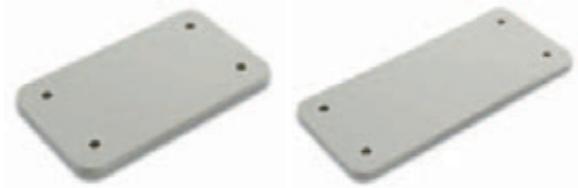
#### EPIC® Protective cover H-B

- Protective cover made of thermoplastics for H-B 6, H-B 10, H-B 16, H-B 24, H-B 32 housings

Part number	Part	Version	Bolt	Securing cord	Clamp	Material	Pieces / PU
<b>For H-A 3 panel mount base, surface mount base, cable coupler hood with male or female inserts</b>							
10513000	H-A 3 MDBF-S	for housing H-A 3 with male inserts	2	with cable lugs		Metal	10
10513100	H-A 3 MDBF-B	for housing H-A 3 with female inserts	2	with cable lugs		Metal	10
<b>For H-A 3 panel mount base, surface mount base, cable coupler hood with male inserts</b>							
10430000	H-A 3 KDB-S	for housing H-A 3 with male inserts	2			Plastic	10
10430400	H-A 3 KDBF-S	for housing H-A 3 with male inserts	2	with cable lugs		Plastic	10
<b>For H-A 3 panel mount base, surface mount base, cable coupler hood with female inserts</b>							
10430300	H-A 3 KDB-B	for housing H-A 3 with female inserts	2			Plastic	10
10430100	H-A 3 KDBF-B	for housing H-A 3 with female inserts	2	with cable lugs		Plastic	10
<b>For H-A 10-32 panel mount base, surface mount base, cable coupler hood, with bolts for locking lever</b>							
10457700	H-A 10 KDB	for housing H-A 10	2			Plastic	5
10469700	H-A 16 KDB	for housing H-A 16	2			Plastic	5
10481700	H-A 32 KDB	for housing H-A 32	4			Plastic	5
10457500	H-A 10 KDBF	for housing H-A 10	2	with cable lugs		Plastic	5
10469500	H-A 16 KDBF	for housing H-A 16	2	with cable lugs		Plastic	5
10481500	H-A 32 KDBF	for housing H-A 32	4	with cable lugs		Plastic	10
<b>With lever for H-A 10-32 hoods</b>							
10457800	H-A 10 KDT	for hood H-A 10			2 snap-in-hook	Plastic	5
10469800	H-A 16 KDT	for hood H-A 16			2 snap-in-hook	Plastic	5
10481800	H-A 32 KDT	for hood H-A 32			4 snap-in-hook	Plastic	5
10457600	H-A 10 KDTF	for hood H-A 10		with noose	2 snap-in-hook	Plastic	5
10469600	H-A 16 KDTF	for hood H-A 16		with noose	2 snap-in-hook	Plastic	5
10481600	H-A 32 KDT	for hood H-A 32		with noose	4 snap-in-hook	Plastic	10
<b>With bolts for H-B 6-24 panel mount base, surface mount base, cable coupler hood</b>							
10015000	H-B 6 KDB	for housing H-B 6	2	with cable lugs		Plastic	10
10047000	H-B 10 KDB	for housing H-B 10	4	with cable lugs		Plastic	10
10087000	H-B 16 KDB	for housing H-B 16	4	with cable lugs		Plastic	5
10118000	H-B 24 KDB	for housing H-B 24	4	with cable lugs		Plastic	5
<b>With levers for H-B 6-24 hood with bolts</b>							
10016500	H-B 6 KDT	for hood H-B 6		with noose	2 snap-in-hook	Plastic	10
10048500	H-B 10 KDT	for hood H-B 10		with noose	4 snap-in-hook	Plastic	10
10088500	H-B 16 KDT	for hood H-B 16		with noose	4 snap-in-hook	Plastic	5
10119500	H-B 24 KDT	for hood H-B 24		with noose	4 snap-in-hook	Plastic	5
<b>With bolts for H-B 6-24 hoods with levers</b>							
10015100	H-B 6 KDBP	for hood H-B 6	2	with noose		Plastic	10
10047100	H-B 10 KDBP	for hood H-B 10	4	with noose		Plastic	10
10087100	H-B 16 KDBP	for hood H-B 16	4	with noose		Plastic	10
10118100	H-B 24 KDBP	for hood H-B 24	4	with noose		Plastic	5
<b>With bolts for H-B 10-32 panel mount base, surface mount base, cable coupler hood</b>							
10048700	H-B 10 KDBF	for housing H-B 10	2	with noose		Plastic	10
10088700	H-B 16 KDBF	for housing H-B 16	2	with noose		Plastic	10
10118700	H-B 24 KDBF	for housing H-B 24	2	with noose		Plastic	10
10118020	H-B 32 / H-A 48 KDBF	for housing H-B 32 / H-A 48	4	with noose		Plastic	10
<b>With lever for H-B 10-24 hood with bolts</b>							
10048600	H-B 10 KDTF	for hood H-B 10		with noose	2 snap-in-hook	Plastic	10
10088600	H-B 16 KDTF	for hood H-B 16		with noose	2 snap-in-hook	Plastic	10
10118600	H-B 24 KDTF	for hood H-B 24		with noose	2 snap-in-hook	Plastic	10

Photographs are not to scale and do not represent detailed images of the respective products.

## EPIC® Cover plates



## EPIC® Adapter plates for 1 D-Sub insert



## EPIC® Adapter plates for 2 D-Sub inserts



## EPIC® Locking levers



### Product features

#### EPIC® Cover plates

- For coverage of panel cut outs for panel mount base housings type H-B

#### EPIC® Adapter plates for 1 D-Sub insert

- For usage of D-Sub-Inserts in H-B housings

#### EPIC® Adapter plates for 2 D-Sub inserts

- For usage of D-Sub-Inserts in H-B housings

#### EPIC® Locking levers

- Locking levers as spare parts for H-A and H-B housings

Part number	Part	Version	Material	Pieces / PU
<b>Cover plates for housings H-B</b>				
10018920	H-B 6	for panel mount base H-B 6		10
10018921	H-B 10	for panel mount base H-B 10		10
10018922	H-B 16	for panel mount base H-B 16		10
10018923	H-B 24	for panel mount base H-B 24		10
<b>Adapter plates for 1 D-Sub insert</b>				
11764200	H-B 6 / M-D 9	for 1x D-Sub 9-pole		10
11764202	H-B 6 / M-D 15	for 1x D-Sub 15-pole		10
11764300	H-B 10 / M-D 25	for 1x D-Sub 25-pole		10
11764400	H-B 16 / M-D 25	for 1x D-Sub 25-pole		10
<b>Adapter plates for 2 D-Sub inserts</b>				
11764201	H-B 6 / 2xM-D 9	for 2x D-Sub 9-pole		10
11764203	H-B 6 / 2xM-D 15	for 2x D-Sub 15-pole		10
11764301	H-B 10 / 2xM-D 25	for 2x D-Sub 25-pole		10
<b>Levers for H-A and H-B housings</b>				
10458000	H-A 10 LB	single lever for housing H-A 10	Steel	10
10468000	EPIC H-A 16 LB/H-B 32 QB	single lever for housing H-A 16	Steel	10
10049000	H-B 10-24 OB	double lever for housing H-B 10 - 24	Steel	10
10017000	H-B 6 LB	single lever for housing H-B 6	Steel	10
10017100	H-B 6 LB-K	single lever for housing H-B 6	Stainless steel	10
10049100	H-B 10-24 QB-K	double lever for housing H-B 10 - 24	Stainless steel	10

Photographs are not to scale and do not represent detailed images of the respective products.

## EPIC® H-A 3 Kits Thermoplastic



Part number	Pieces / PU
75009601	1

**Part numbers for single components**

- H-A 3 SS 10420000 (page 6)
- H-A 3 Tgv M20 19426000 (page 51)

**EPIC KIT H-A 3 SS TG M20**



- Male insert EPIC® H-A 3 screw termination
- Hood EPIC® H-A 3
- Housing: thermoplastic grey



Part number	Pieces / PU
75009603	1

**Part numbers for single components**

- H-A 3 SS 10420000 (page 6)
- H-A 3 Ts M20 19427000 (page 52)

**EPIC KIT H-A 3 SS TS M20**



- Male insert EPIC® H-A 3 screw termination
- Hood EPIC® H-A 3
- Side cable entry
- Housing: thermoplastic grey



Part number	Pieces / PU
75009605	1

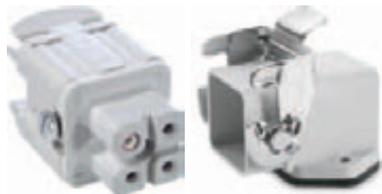
**Part numbers for single components**

- H-A 3 BS 10421000 (page 6)
- H-A 3 Ag 10422000 (page 53)

**EPIC KIT H-A 3 BS AG**



- Female insert EPIC® H-A 3 screw termination
- Panel mount base EPIC® H-A 3
- Straight version
- Housing: thermoplastic grey



Part number	Pieces / PU
75009607	1

**Part numbers for single components**

- H-A 3 BS 10421000 (page 6)
- H-A 3 Ags 10423000 (page 53)

**EPIC KIT H-A 3 BS AGS**



- Female insert EPIC® H-A 3 screw termination
- Panel mount base EPIC® H-A 3
- Angled version
- Housing: thermoplastic grey



Part number	Pieces / PU
75009609	1

**Part numbers for single components**

- H-A 3 BS 10421000 (page 6)
- H-A 3 Agsv M20 19421900 (page 54)

**EPIC KIT H-A 3 BS AGS M20**



- Female insert EPIC® H-A 3 screw termination
- Panel mount base EPIC® H-A 3
- Angled version
- Housing: thermoplastic grey



Part number	Pieces / PU
75009611	1

**Part numbers for single components**

- H-A 3 BS 10421000 (page 6)
- H-A 3 Tgvb M20 19429000 (page 55)

**EPIC KIT H-A 3 BS TGB M20**



- Female insert EPIC® H-A 3 screw termination
- Cable coupler EPIC® H-A 3
- Housing: thermoplastic grey



**Info**

- Complete connectors - easy to order

**Benefits**

- Prepacked kits with suitable components
- Uncomplicated ordering
- Reduced misplaced orders

**Similar products**

- EPIC® H-A 3 Kits Metal see page 139

**Technical data**

**Rated voltage in V**

IEC: 400 V  
UL: 600 V  
CSA: 600 V

**Rated current in A**

IEC: 23 A  
UL: 10 A  
CSA: 10 A

**Number of contacts**

3 + PE

**EPIC® H-A 3 Kits Metal**

**EPIC KIT H-A 3 SS MTG M20**



- Male insert EPIC® H-A 3 screw termination
- Hood EPIC® H-A 3
- Housing: metal grey

Part number	Pieces / PU
75009602	1

**Part numbers for single components**

- H-A 3 SS 10420000 (page 6)
- H-A 3 MTgv M20 19512100 (page 51)



**EPIC KIT H-A 3 SS MTS M20**



- Male insert EPIC® H-A 3 screw termination
- Hood EPIC® H-A 3
- Side cable entry
- Housing: metal grey

Part number	Pieces / PU
75009604	1

**Part numbers for single components**

- H-A 3 SS 10420000 (page 6)
- H-A 3 Ts M20 19512300 (page 52)



**EPIC KIT H-A 3 BS MAG**



- Female insert EPIC® H-A 3 screw termination
- Panel mount base EPIC® H-A 3
- Straight version
- Housing: metal grey

Part number	Pieces / PU
75009606	1

**Part numbers for single components**

- H-A 3 BS 10421000 (page 6)
- H-A 3 Mag 10422500 (page 53)



**EPIC KIT H-A 3 BS MAGS**

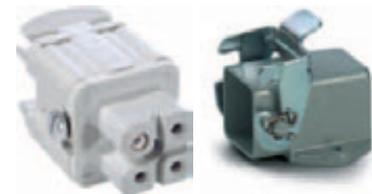


- Female insert EPIC® H-A 3 screw termination
- Panel mount base EPIC® H-A 3
- Angled version
- Housing: metal grey

Part number	Pieces / PU
75009608	1

**Part numbers for single components**

- H-A 3 BS 10421000 (page 6)
- H-A 3 Mags 10423500 (page 53)



**EPIC KIT H-A 3 BS MAGS M20**



- Female insert EPIC® H-A 3 screw termination
- Panel mount base EPIC® H-A 3
- Angled version
- Housing: metal grey

Part number	Pieces / PU
75009610	1

**Part numbers for single components**

- H-A 3 BS 10421000 (page 6)
- H-A 3 MAGsv M20 19512700 (page 54)



**EPIC KIT H-A 3 BS MTGB M20**



- Female insert EPIC® H-A 3 screw termination
- Cable coupler EPIC® H-A 3
- Housing: metal grey

Part number	Pieces / PU
75009612	1

**Part numbers for single components**

- H-A 3 BS 10421000 (page 6)
- H-A 3 MTgvb M20 19512900 (page 55)



**Info**

- Complete connectors - easy to order

**Benefits**

- Prepacked kits with suitable components
- Uncomplicated ordering
- Reduced misplaced orders

**Similar products**

- EPIC® H-A 3 Kits Thermoplastic see page 138

**Technical data**

**Rated voltage in V**

- IEC: 400 V
- UL: 600 V
- CSA: 600 V

**Rated current in A**

- IEC: 23 A
- UL: 10 A
- CSA: 10 A

**Number of contacts**

3 + PE

## EPIC® H-A 4 Kits Thermoplastic



Part number	Pieces / PU
75009613	1

**Part numbers for single components**

- H-A 4 SS 10431000 (page 6)
- H-A 3 Tgv M20 19426000 (page 51)

**EPIC KIT H-A 4 SS TG M20**



- Male insert EPIC® H-A 4 screw termination
- Hood EPIC® H-A 3
- Straight cable entry
- Housing: thermoplastic grey



Part number	Pieces / PU
75009615	1

**Part numbers for single components**

- H-A 4 SS 10431000 (page 6)
- H-A 3 Ts M20 19427000 (page 52)

**EPIC KIT H-A 4 SS TS M20**



- Male insert EPIC® H-A 4 screw termination
- Hood EPIC® H-A 3
- Side cable entry
- Housing: thermoplastic grey



Part number	Pieces / PU
75009617	1

**Part numbers for single components**

- H-A 4 BS 10432000 (page 6)
- H-A 3 Ag 10422000 (page 53)

**EPIC KIT H-A 4 BS AG**



- Female insert EPIC® H-A 4 screw termination
- Panel mount base EPIC® H-A 3
- Straight version
- Housing: thermoplastic grey



Part number	Pieces / PU
75009619	1

**Part numbers for single components**

- H-A 4 BS 10432000 (page 6)
- H-A 3 Ags 10423000 (page 53)

**EPIC KIT H-A 4 BS AGS**



- Female insert EPIC® H-A 4 screw termination
- Panel mount base EPIC® H-A 3
- Angled version
- Housing: thermoplastic grey



Part number	Pieces / PU
75009621	1

**Part numbers for single components**

- H-A 4 BS 10432000 (page 6)
- H-A 3 Agsv M20 19421900 (page 54)

**EPIC KIT H-A 4 BS AGS M20**



- Female insert EPIC® H-A 4 screw termination
- Panel mount base EPIC® H-A 3
- Angled version
- Housing: thermoplastic grey



Part number	Pieces / PU
75009623	1

**Part numbers for single components**

- H-A 4 BS 10432000 (page 6)
- H-A 3 Tgvb M20 19429000 (page 55)

**EPIC KIT H-A 4 BS TGB M20**



- Female insert EPIC® H-A 4 screw termination
- Cable coupler EPIC® H-A 3
- Straight cable entry
- Housing: thermoplastic grey



**Info**

- Complete connectors - easy to order

**Benefits**

- Prepacked kits with suitable components
- Uncomplicated ordering
- Reduced misplaced orders

**Similar products**

- EPIC® H-A 4 Kits Metal see page 141

**Technical data**

**Rated voltage in V**

IEC: 400 V  
UL: 600 V  
CSA: 600 V

**Rated current in A**

IEC: 23 A  
UL: 10 A  
CSA: 10 A

**Number of contacts**

4 + PE

**EPIC® H-A 4 Kits Metal**

**EPIC KIT H-A 4 SS MTG M20**



- Male insert EPIC® H-A 4 screw termination
- Hood EPIC® H-A 3
- Straight cable entry
- Housing: metal grey

Part number	Pieces / PU
75009614	1

**Part numbers for single components**

- H-A 4 SS 10431000 (page 6)
- H-A 3 MTgv M20 19512100 (page 51)



**EPIC KIT H-A 4 SS MTS M20**



- Male insert EPIC® H-A 4 screw termination
- Hood EPIC® H-A 3
- Side cable entry
- Housing: metal grey

Part number	Pieces / PU
75009616	1

**Part numbers for single components**

- H-A 4 SS 10431000 (page 6)
- H-A 3 Ts M20 19512300 (page 52)



**EPIC KIT H-A 4 BS MAG**



- Female insert EPIC® H-A 4 screw termination
- Panel mount base EPIC® H-A 3
- Straight version
- Housing: metal grey

Part number	Pieces / PU
75009618	1

**Part numbers for single components**

- H-A 4 BS 10432000 (page 6)
- H-A 3 Mag 10422500 (page 53)



**EPIC KIT H-A 4 BS MAGS**



- Female insert EPIC® H-A 4 screw termination
- Panel mount base EPIC® H-A 3
- Angled version
- Housing: metal grey

Part number	Pieces / PU
75009620	1

**Part numbers for single components**

- H-A 4 BS 10432000 (page 6)
- H-A 3 Mags 10423500 (page 53)



**EPIC KIT H-A 4 BS MAGS M20**



- Female insert EPIC® H-A 4 screw termination
- Panel mount base EPIC® H-A 3
- Angled version
- Housing: metal grey

Part number	Pieces / PU
75009622	1

**Part numbers for single components**

- H-A 4 BS 10432000 (page 6)
- H-A 3 MAGsv M20 19512700 (page 54)



**EPIC KIT H-A 4 BS TGB M20**



- Female insert EPIC® H-A 4 screw termination
- Cable coupler EPIC® H-A 3
- Straight cable entry
- Housing: metal grey

Part number	Pieces / PU
75009624	1

**Part numbers for single components**

- H-A 4 BS 10432000 (page 6)
- H-A 3 MTgvb M20 19512900 (page 55)



**Info**

- Complete connectors - easy to order

**Benefits**

- Prepacked kits with suitable components
- Uncomplicated ordering
- Reduced misplaced orders

**Similar products**

- EPIC® H-A 4 Kits Thermoplastic see page 140

**Technical data**

**Rated voltage in V**

- IEC: 400 V
- UL: 600 V
- CSA: 600 V

**Rated current in A**

- IEC: 23 A
- UL: 10 A
- CSA: 10 A

**Number of contacts**

4 + PE

## EPIC® H-A 10 Kits



Part number	Pieces / PU
75009625	1

**Part numbers for single components**

- H-A 10 SS 10440100 (page 7)
- H-A 10 TG M20 19446000 (page 56)

**EPIC KIT H-A 10 SS TG M20**



- Male insert EPIC® H-A 10 screw termination
- With wire protection
- Hood EPIC® H-A 10



Part number	Pieces / PU
75009626	1

**Part numbers for single components**

- H-A 10 SS 10440100 (page 7)
- H-A 10 TS M20 19445000 (page 57)

**EPIC KIT H-A 10 SS TS M20**



- Male insert EPIC® H-A 10 screw termination
- With wire protection
- Hood EPIC® H-A 10



Part number	Pieces / PU
75009627	1

**Part numbers for single components**

- H-A 10 BS 10441100 (page 7)
- H-A 10 AG-LB 10442000 (page 58)

**EPIC KIT H-A 10 BS AG**



- Female insert EPIC® H-A 10 screw termination
- With wire protection
- Panel mount base EPIC® H-A 10



Part number	Pieces / PU
75009628	1

**Part numbers for single components**

- H-A 10 BS 10441100 (page 7)
- H-A 10 SGR-LB M20 19448100 (page 59)

**EPIC KIT H-A 10 BS SGR-LB M20**



- Female insert EPIC® H-A 10 screw termination
- With wire protection
- Surface mount base EPIC® H-A 10



Part number	Pieces / PU
75009629	1

**Part numbers for single components**

- H-A 10 BS 10441100 (page 7)
- H-A 10 TBF-LB M20 19439000 (page 61)

**EPIC KIT H-A 10 BS TBF-LB M20**



- Female insert EPIC® H-A 10 screw termination
- With wire protection
- Cable coupler EPIC® H-A 10



**Info**

- Complete connectors - easy to order

**Benefits**

- Prepacked kits with suitable components
- Uncomplicated ordering
- Reduced misplaced orders

**Technical data**

**Rated voltage in V**

IEC: 250 V  
UL: 600 V  
CSA: 600 V

**Rated current in A**

IEC: 16 A  
UL: 14 A  
CSA: 16 A

**Number of contacts**

10 + PE

**EPIC® H-A 16 Kits**

**EPIC KIT H-A 16 SS TG M20**



- Male insert EPIC® H-A 16 screw termination
- With wire protection
- Hood EPIC® H-A 16

Part number	Pieces / PU
75009630	1

**Part numbers for single components**

- H-A 16 SS 10530000 (page 7)
- H-A 16 TG M20 19565000 (page 62)



**EPIC KIT H-A 16 SS TS M20**



- Male insert EPIC® H-A 16 screw termination
- With wire protection
- Hood EPIC® H-A 16

Part number	Pieces / PU
75009631	1

**Part numbers for single components**

- H-A 16 SS 10530000 (page 7)
- H-A 16 TS M20 19564000 (page 63)



**EPIC KIT H-A 16 BS AG**



- Female insert EPIC® H-A 16 screw termination
- With wire protection
- Panel mount base EPIC® H-A 16

Part number	Pieces / PU
75009632	1

**Part numbers for single components**

- H-A 16 BS 10531000 (page 7)
- H-A 16 AG-LB 10462000 (page 64)



**EPIC KIT H-A 16 BS SGR-LB M20**



- Female insert EPIC® H-A 16 screw termination
- With wire protection
- Surface mount base EPIC® H-A 16

Part number	Pieces / PU
75009633	1

**Part numbers for single components**

- H-A 16 BS 10531000 (page 7)
- H-A 16 SGR-LB M20 19567100 (page 65)



**EPIC KIT H-A 16 BS TBF-LB M20**



- Female insert EPIC® H-A 16 screw termination
- With wire protection
- Cable coupler EPIC® H-A 16

Part number	Pieces / PU
75009634	1

**Part numbers for single components**

- H-A 16 BS 10531000 (page 7)
- H-A 16 TBF-LB M20 19563000 (page 67)



**Info**

- Complete connectors - easy to order

**Benefits**

- Prepacked kits with suitable components
- Uncomplicated ordering
- Reduced misplaced orders

**Technical data**

**Rated voltage in V**  
IEC: 250 V  
UL: 600 V  
CSA: 600 V

**Rated current in A**  
IEC: 16 A  
UL: 14 A  
CSA: 16 A

**Number of contacts**  
16 + PE

## EPIC® H-BE 6 Kits



Part number	Pieces / PU
75009635	1

**Part numbers for single components**

- H-BE 6 SS 10190000 (page 21)
- H-B 6 TG M20 19011000 (page 81)

**EPIC KIT H-BE 6 SS TG M20**



- Male insert EPIC® H-BE 6 screw termination
- With wire protection
- Hood EPIC® H-B 6



Part number	Pieces / PU
75009636	1

**Part numbers for single components**

- H-BE 6 SS 10190000 (page 21)
- H-B 6 TS M20 19012000 (page 81)

**EPIC KIT H-BE 6 SS TS M20**



- Male insert EPIC® H-BE 6 screw termination
- With wire protection
- Hood EPIC® H-B 6



Part number	Pieces / PU
75009637	1

**Part numbers for single components**

- H-BE 6 BS 10191000 (page 21)
- H-B 6 AG-LB 10003000 (page 82)

**EPIC KIT H-BE 6 BS AG-LB**



- Female insert EPIC® H-BE 6 screw termination
- With wire protection
- Panel mount base EPIC® H-B 6



Part number	Pieces / PU
75009638	1

**Part numbers for single components**

- H-BE 6 BS 10191000 (page 21)
- H-B 6 SGR M20 19005000 (page 83)

**EPIC KIT H-BE 6 BS SGR-LB M20**



- Female insert EPIC® H-BE 6 screw termination
- With wire protection
- Surface mount base EPIC® H-B 6



Part number	Pieces / PU
75009639	1

**Part numbers for single components**

- H-BE 6 BS 10191000 (page 21)
- H-B 6 TBF M20 19014000 (page 86)

**EPIC KIT H-BE 6 BS TBF-LB M20**



- Female insert EPIC® H-BE 6 screw termination
- With wire protection
- Cable coupler EPIC® H-B 6



**Info**

- Complete connectors - easy to order

**Benefits**

- Prepacked kits with suitable components
- Uncomplicated ordering
- Reduced misplaced orders

**Technical data**

**Rated voltage in V**  
 IEC: 500 V  
 UL: 600 V  
 CSA: 600 V

**Rated current in A**  
 IEC: 16 A  
 UL: 16 A  
 CSA: 16 A

**Number of contacts**  
 6 + PE

**EPIC® H-BE 10 Kits**

**EPIC KIT H-BE 10 SS TG M25**



- Male insert EPIC® H-BE 10 screw termination
- With wire protection
- Hood EPIC® H-B 10

Part number	Pieces / PU
75009640	1

**Part numbers for single components**

- H-BE 10 SS 10192000 (page 22)
- H-B 10 TG M25 19040100 (page 88)



**EPIC KIT H-BE 10 SS TS M25**



- Male insert EPIC® H-BE 10 screw termination
- With wire protection
- Hood EPIC® H-B 10

Part number	Pieces / PU
75009641	1

**Part numbers for single components**

- H-BE 10 SS 10192000 (page 22)
- H-B 10 TS M25 19042100 (page 89)



**EPIC KIT H-BE 10 BS AG**



- Female insert EPIC® H-BE 10 screw termination
- With wire protection
- Panel mount base EPIC® H-B 10

Part number	Pieces / PU
75009642	1

**Part numbers for single components**

- H-BE 10 BS 10193000 (page 22)
- H-B 10 AG 10032000 (page 91)



**EPIC KIT H-BE 10 BS SGR M25**



- Female insert EPIC® H-BE 10 screw termination
- With wire protection
- Surface mount base EPIC® H-B 10

Part number	Pieces / PU
75009643	1

**Part numbers for single components**

- H-BE 10 BS 10193000 (page 22)
- H-B 10 SGR M25 19034100 (page 95)



**EPIC KIT H-BE 10 BS TBF M25**



- Female insert EPIC® H-BE 10 screw termination
- With wire protection
- Cable coupler EPIC® H-B 10

Part number	Pieces / PU
75009644	1

**Part numbers for single components**

- H-BE 10 BS 10193000 (page 22)
- H-B 10 TBF M25 79040200 (page 98)



**Info**

- Complete connectors - easy to order

**Benefits**

- Prepacked kits with suitable components
- Uncomplicated ordering
- Reduced misplaced orders

**Technical data**

**Rated voltage in V**

- IEC: 500 V
- UL: 600 V
- CSA: 600 V

**Rated current in A**

- IEC: 16 A
- UL: 16 A
- CSA: 16 A

**Number of contacts**

10 + PE

## EPIC® H-BE 16 Kits



Part number	Pieces / PU
75009645	1

**Part numbers for single components**

- H-BE 16 SS 10194000 (page 23)
- H-B 16 TG M25 19080000 (page 101)

**EPIC KIT H-BE 16 SS TG M25**



- Female insert EPIC® H-BE 16 screw termination
- With wire protection
- Hood EPIC® H-B 16



Part number	Pieces / PU
75009646	1

**Part numbers for single components**

- H-BE 16 SS 10194000 (page 23)
- H-B 16 TS M25 19082000 (page 103)

**EPIC KIT H-BE 16 SS TS M25**



- Female insert EPIC® H-BE 16 screw termination
- With wire protection
- Hood EPIC® H-B 16



Part number	Pieces / PU
75009647	1

**Part numbers for single components**

- H-BE 16 BS 10195000 (page 23)
- H-B 16 AG 10072000 (page 105)

**EPIC KIT H-BE 16 BS AG**



- Female insert EPIC® H-BE 16 screw termination
- With wire protection
- Panel mount base EPIC® H-B 16



Part number	Pieces / PU
75009648	1

**Part numbers for single components**

- H-BE 16 BS 10195000 (page 23)
- H-B 16 SGR M25 19074000 (page 109)

**EPIC KIT H-BE 16 BS SGR M25**



- Female insert EPIC® H-BE 16 screw termination
- With wire protection
- Surface mount base EPIC® H-B 16



Part number	Pieces / PU
75009649	1

**Part numbers for single components**

- H-BE 16 BS 10195000 (page 23)
- H-B 16 TBF M25 19086000 (page 112)

**EPIC KIT H-BE 16 BS TBF M25**



- Female insert EPIC® H-BE 24 screw termination
- With wire protection
- Cable coupler EPIC® H-B 16



**Info**

- Complete connectors - easy to order

**Benefits**

- Prepacked kits with suitable components
- Uncomplicated ordering
- Reduced misplaced orders

**Technical data**

**Rated voltage in V**  
 IEC: 500 V  
 UL: 600 V  
 CSA: 600 V

**Rated current in A**  
 IEC: 16 A  
 UL: 16 A  
 CSA: 16 A

**Number of contacts**  
 16 + PE

## EPIC® H-BE 24 Kits

### EPIC KIT H-BE 24 SS TG M25



- Male insert EPIC® H-BE 24 screw termination
- With wire protection
- Hood EPIC® H-B 24

Part number	Pieces / PU
75009650	1

#### Part numbers for single components

- H-BE 24 SS 10196000 (page 24)
- H-B 24 TG M25 19121000 (page 115)



### EPIC KIT H-BE 24 SS TS M25



- Male insert EPIC® H-BE 24 screw termination
- With wire protection
- Hood EPIC® H-B 24

Part number	Pieces / PU
75009651	1

#### Part numbers for single components

- H-BE 24 SS 10196000 (page 24)
- H-B 24 TS M25 19113000 (page 117)



### EPIC KIT H-BE 24 BS AG



- Female insert EPIC® H-BE 24 screw termination
- With wire protection
- Panel mount base EPIC® H-B 24

Part number	Pieces / PU
75009652	1

#### Part numbers for single components

- H-BE 24 BS 10197000 (page 24)
- H-B 24 AG 10102000 (page 119)



### EPIC KIT H-BE 24 BS SGR M25



- Female insert EPIC® H-BE 24 screw termination
- With wire protection
- Surface mount base EPIC® H-B 24

Part number	Pieces / PU
75009653	1

#### Part numbers for single components

- H-BE 24 BS 10197000 (page 24)
- H-B 24 SGR M25 19104000 (page 123)



### EPIC KIT H-BE 24 BS TBF M25



- Female insert EPIC® H-BE 24 screw termination
- With wire protection
- Cable coupler EPIC® H-B 24

Part number	Pieces / PU
75009654	1

#### Part numbers for single components

- H-BE 24 BS 10197000 (page 24)
- H-B 24 TBF M25 19127000 (page 126)



### Info

- Complete connectors - easy to order

### Benefits

- Prepacked kits with suitable components
- Uncomplicated ordering
- Reduced misplaced orders

### Technical data

#### Rated voltage in V

IEC: 500 V  
UL: 600 V  
CSA: 600 V

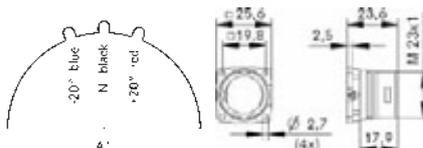
#### Rated current in A

IEC: 16 A  
UL: 16 A  
CSA: 16 A

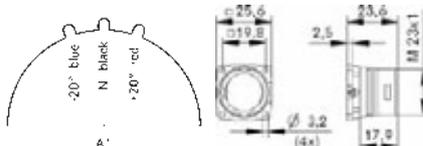
#### Number of contacts

24 + PE

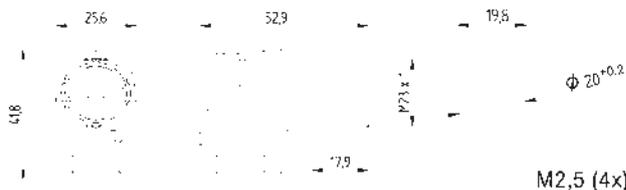
### EPIC® M23 A1



### EPIC® M23 A1 D3,2



### EPIC® M23 A3



Info

- Range of rotation: 330° in steps of 15°

#### Benefits

- Housings are very flexible - cable connectors with huge clamping range, receptacle housings for insert assembly from front- and rear direction

#### Application range

- Plant engineering
- Servo drives and Servo harnessings
- Measurement and control technology

#### Product features

##### EPIC® M23 A1

- Panel mount base, straight entry
- Front mounting

##### EPIC® M23 A1 D3,2

- Panel mount base, straight entry
- Front mounting

##### EPIC® M23 A3

- Panel mount base, angled, rotatable
- Front mounting

#### Suitable inserts

##### EPIC® M23 A1

##### EPIC® M23 A1 D3,2

- EPIC® M23 Inserts 6 pole page 155
- EPIC® M23 Inserts 7 pole page 155
- EPIC® M23 Inserts 8+1 pole page 156
- EPIC® M23 Inserts 9 pole page 156
- EPIC® M23 Inserts 12 pole page 157
- EPIC® M23 Inserts 16 pole page 157
- EPIC® M23 Inserts 17 pole page 158
- EPIC® M23 Inserts 12 pole D-Sub page 153
- EPIC® M23 Inserts 17 pole D-Sub page 153
- EPIC® M23 Inserts 12 pole PCB-soldering page 154
- EPIC® M23 Inserts 17 pole PCB-soldering page 154

##### EPIC® M23 A3

- EPIC® M23 Inserts 6 pole page 155
- EPIC® M23 Inserts 7 pole page 155
- EPIC® M23 Inserts 8+1 pole page 156
- EPIC® M23 Inserts 9 pole page 156
- EPIC® M23 Inserts 12 pole page 157
- EPIC® M23 Inserts 16 pole page 157
- EPIC® M23 Inserts 17 pole page 158
- EPIC® M23 Inserts 12 pole D-Sub page 153
- EPIC® M23 Inserts 17 pole D-Sub page 153

#### Technical data



Material

Housing: zinc die casting nickel-plated  
Sealing: FPM



Degree of protection

IP68 (10h / 1m)



Range of temperature

-25 °C - +125 °C

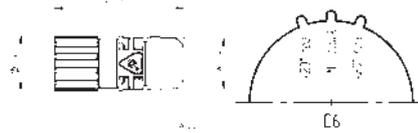


VDE tested

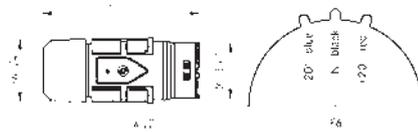
EPIC® M23 A1  
VDE-REG.-No. 24  
EPIC® M23 A1 D3,2  
VDE-REG.-No. 24

Part number	Part	Coding	Fastening type	Pieces / PU
<b>Type M23 A1 front wall mounting</b>				
72004000	M23 A1	black (N)	Ø2,7mm (4x)	5
72004010	M23 A1	black (N)	Ø2,7mm (4x)	20
72004200	M23 A1	red (+20°)	Ø2,7mm (4x)	5
72004210	M23 A1	red (+20°)	Ø2,7mm (4x)	20
72004100	M23 A1	blue (-20°)	Ø2,7mm (4x)	5
72004110	M23 A1	blue (-20°)	Ø2,7mm (4x)	20
<b>Type M23 A1 D3.2 front wall mounting</b>				
44420018	M23 A1 D3,2	black (N)	Ø3,2mm (4x)	5
44420017	M23 A1 D3,2	black (N)	Ø3,2mm (4x)	20
44420020	M23 A1 D3,2	red (+20°)	Ø3,2mm (4x)	5
44420019	M23 A1 D3,2	red (+20°)	Ø3,2mm (4x)	20
44420016	M23 A1 D3,2	blue (-20°)	Ø3,2mm (4x)	5
44420015	M23 A1 D3,2	blue (-20°)	Ø3,2mm (4x)	20
<b>Type M23 A3 angled rotatable front wall mounting</b>				
44420055	M23 A3	black (N)	Ø2,7mm (4x)	5
44420054	M23 A3	black (N)	Ø2,7mm (4x)	20

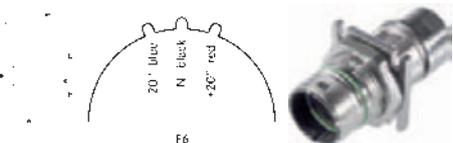
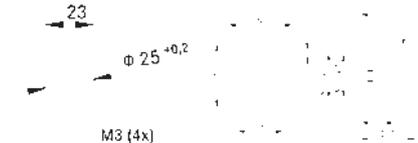
Photographs are not to scale and do not represent detailed images of the respective products.



**EPIC® M23 D6**



**EPIC® M23 F6**



**EPIC® M23 F7**

**Benefits**

- Housings are very flexible - cable connectors with huge clamping range, receptacle housings for insert assembly from front- and rear direction

**Application range**

- Plant engineering
- Servo drives and Servo harnessings
- Measurement and control technology

**Product features**

**EPIC® M23 D6**

- Cable connector

**EPIC® M23 F6**

- Cable coupler

**EPIC® M23 F7**

- Cable coupler with flange
- Front wall or rear wall mounting

**Suitable inserts**

- EPIC® M23 Inserts 6 pole page 155
- EPIC® M23 Inserts 7 pole page 155
- EPIC® M23 Inserts 8+1 pole page 156
- EPIC® M23 Inserts 9 pole page 156
- EPIC® M23 Inserts 12 pole page 157
- EPIC® M23 Inserts 16 pole page 157
- EPIC® M23 Inserts 17 pole page 158
- EPIC® M23 Inserts 12 pole D-Sub page 153
- EPIC® M23 Inserts 17 pole D-Sub page 153

**Technical data**

**Material**  
Housing: zinc die casting nickel-plated  
Sealing: FPM

**Degree of protection**  
IP68 (10h / 1m)

**Range of temperature**  
-25 °C - +125 °C

**VDE tested**  
**EPIC® M23 D6**  
VDE-REG.-No. 24  
**EPIC® M23 F6**  
VDE-REG.-No. 24

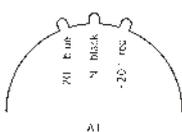
Part number	Part	Coding	Cable clamping range	Fastening type	Pieces / PU
<b>Type M23 D6 cable connector</b>					
44420037	M23 D6	black (N)	7.0 - 13.5		5
72044030	M23 D6	black (N)	7.0 - 10.0		5
72044020	M23 D6	black (N)	7.0 - 10.0		20
72044000	M23 D6	black (N)	9.5 - 13.5		5
72044010	M23 D6	black (N)	9.5 - 13.5		20
44420038	M23 D6	red (+20°)	7.0 - 13.5		5
72044230	M23 D6	red (+20°)	7.0 - 10.0		5
72044220	M23 D6	red (+20°)	7.0 - 10.0		20
72044200	M23 D6	red (+20°)	9.5 - 13.5		5
72044210	M23 D6	red (+20°)	9.5 - 13.5		20
44420036	M23 D6	blue (-20°)	7.0 - 13.5		5
72044130	M23 D6	blue (-20°)	7.0 - 10.0		5
72044120	M23 D6	blue (-20°)	7.0 - 10.0		20
72044100	M23 D6	blue (-20°)	9.5 - 13.5		5
72044110	M23 D6	blue (-20°)	9.5 - 13.5		20
<b>Type M23 F6 cable connector</b>					
44420040	M23 F6	black (N)	7.0 - 13.5		5
72064030	M23 F6	black (N)	7.0 - 10.0		5
72064020	M23 F6	black (N)	7.0 - 10.0		20
72064000	M23 F6	black (N)	9.5 - 13.5		5
72064010	M23 F6	black (N)	9.5 - 13.5		20
44420041	M23 F6	red (+20°)	7.0 - 13.5		5
72064230	M23 F6	red (+20°)	7.0 - 10.0		5
72064220	M23 F6	red (+20°)	7.0 - 10.0		20
72064200	M23 F6	red (+20°)	9.5 - 13.5		5
72064210	M23 F6	red (+20°)	9.5 - 13.5		20
44420039	M23 F6	blue (-20°)	7.0 - 13.5		5
72064130	M23 F6	blue (-20°)	7.0 - 10.0		5
72064120	M23 F6	blue (-20°)	7.0 - 10.0		20
72064100	M23 F6	blue (-20°)	9.5 - 13.5		5
<b>Type M23 F7 front/rear wall mounting</b>					
44420009	M23 F7	black (N)	7.0 - 10.0	Ø3,2mm (4x), M25x1,5 (with counter nut)	5
44420010	M23 F7	black (N)	7.0 - 10.0	Ø3,2mm (4x), M25x1,5 (with counter nut)	20
44420011	M23 F7	black (N)	9.5 - 13.5	Ø3,2mm (4x), M25x1,5 (with counter nut)	5
44420012	M23 F7	black (N)	9.5 - 13.5	Ø3,2mm (4x), M25x1,5 (with counter nut)	20
44420001	M23 F7	red (+20°)	7.0 - 10.0	Ø3,2mm (4x), M25x1,5 (with counter nut)	5
44420002	M23 F7	red (+20°)	7.0 - 10.0	Ø3,2mm (4x), M25x1,5 (with counter nut)	20
44420003	M23 F7	red (+20°)	9.5 - 13.5	Ø3,2mm (4x), M25x1,5 (with counter nut)	5
44420004	M23 F7	red (+20°)	9.5 - 13.5	Ø3,2mm (4x), M25x1,5 (with counter nut)	20
44420005	M23 F7	blue (-20°)	7.0 - 10.0	Ø3,2mm (4x), M25x1,5 (with counter nut)	5
44420006	M23 F7	blue (-20°)	7.0 - 10.0	Ø3,2mm (4x), M25x1,5 (with counter nut)	20
44420007	M23 F7	blue (-20°)	9.5 - 13.5	Ø3,2mm (4x), M25x1,5 (with counter nut)	5
44420008	M23 F7	blue (-20°)	9.5 - 13.5	Ø3,2mm (4x), M25x1,5 (with counter nut)	20

Photographs are not to scale and do not represent detailed images of the respective products.

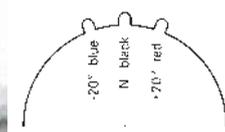
Circular connectors

EPIC® CIRCON M23 Housings

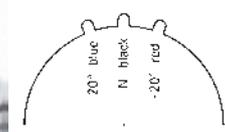
EPIC® M23 G4



EPIC® M23 G5



EPIC® M23 G6



Benefits

- Housings are very flexible - cable connectors with huge clamping range, receptacle housings for insert assembly from front- and rear direction

Application range

- Plant engineering
- Servo drives and Servo harnessings
- Measurement and control technology

Product features

EPIC® M23 G4

- Panel connector
- Front mounting

EPIC® M23 G5

- Panel connector
- Front mounting

EPIC® M23 G6

- Panel connector
- Rear wall mounting

Suitable inserts

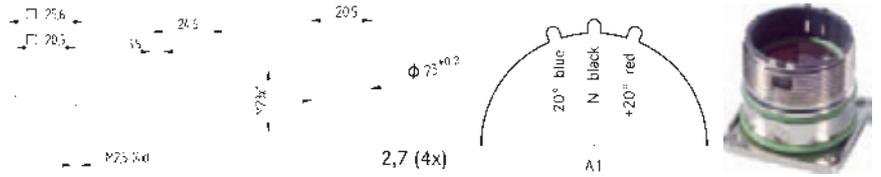
- EPIC® M23 Inserts 6 pole page 155
- EPIC® M23 Inserts 7 pole page 155
- EPIC® M23 Inserts 8+1 pole page 156
- EPIC® M23 Inserts 9 pole page 156
- EPIC® M23 Inserts 12 pole page 157
- EPIC® M23 Inserts 16 pole page 157
- EPIC® M23 Inserts 17 pole page 158
- EPIC® M23 Inserts 12 pole D-Sub page 153
- EPIC® M23 Inserts 17 pole D-Sub page 153

Technical data

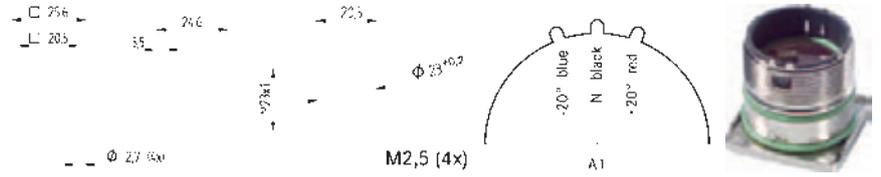
	<b>Material</b> Housing: zinc die casting nickel-plated Sealing: FPM
	<b>Degree of protection</b> IP68 (10h / 1m)
	<b>Range of temperature</b> -25 °C - +125 °C

Part number	Part	Coding	Fastening type	Pieces / PU
<b>Type M23 G4 front wall mounting</b>				
44420032	M23 G4	black (N)	M25x1,5	5
44420031	M23 G4	black (N)	M25x1,5	20
44420034	M23 G4	red (+20°)	M25x1,5	5
44420033	M23 G4	red (+20°)	M25x1,5	20
44420030	M23 G4	blue (-20°)	M25x1,5	5
44420029	M23 G4	blue (-20°)	M25x1,5	20
<b>Type M23 G5 front wall mounting with counter nut</b>				
44420046	M23 G5	black (N)	M25x1,5 (with counter nut)	5
44420045	M23 G5	black (N)	M25x1,5 (with counter nut)	20
44420048	M23 G5	red (+20°)	M25x1,5 (with counter nut)	5
44420047	M23 G5	red (+20°)	M25x1,5 (with counter nut)	20
44420044	M23 G5	blue (-20°)	M25x1,5 (with counter nut)	5
44420043	M23 G5	blue (-20°)	M25x1,5 (with counter nut)	20
<b>Type M23 G6 rear wall mounting</b>				
44420071	M23 G6	black (N)	M25x1,5 (with counter nut)	5
44420073	M23 G6	black (N)	M25x1,5 (with counter nut)	20

Photographs are not to scale and do not represent detailed images of the respective products.



**EPIC® M23 B1**



**EPIC® M23 B2**



**EPIC® M23 O1**



**Benefits**

- Housings are very flexible - cable connectors with huge clamping range, receptacle housings for insert assembly from front- and rear direction

**Application range**

- Plant engineering
- Servo drives and Servo harnessings
- Measurement and control technology

**Product features**

**EPIC® M23 B1**

- Panel connector
- Rear wall mounting

**EPIC® M23 B2**

- Panel connector
- Rear wall mounting

**EPIC® M23 O1**

- Panel mount base, straight entry
- Front mounting
- For circular cases

**Suitable inserts**

**EPIC® M23 B1**

**EPIC® M23 B2**

- EPIC® M23 Inserts 6 pole page 155
- EPIC® M23 Inserts 7 pole page 155
- EPIC® M23 Inserts 8+1 pole page 156
- EPIC® M23 Inserts 9 pole page 156
- EPIC® M23 Inserts 12 pole page 157
- EPIC® M23 Inserts 16 pole page 157
- EPIC® M23 Inserts 17 pole page 158
- EPIC® M23 Inserts 12 pole D-Sub page 153
- EPIC® M23 Inserts 17 pole D-Sub page 153
- EPIC® M23 Inserts 12 pole PCB-soldering page 154
- EPIC® M23 Inserts 17 pole PCB-soldering page 154

**EPIC® M23 O1**

- EPIC® M23 Inserts 6 pole page 155
- EPIC® M23 Inserts 7 pole page 155
- EPIC® M23 Inserts 8+1 pole page 156
- EPIC® M23 Inserts 9 pole page 156
- EPIC® M23 Inserts 12 pole page 157
- EPIC® M23 Inserts 16 pole page 157
- EPIC® M23 Inserts 17 pole page 158
- EPIC® M23 Inserts 12 pole D-Sub page 153
- EPIC® M23 Inserts 17 pole D-Sub page 153

**Technical data**

	<b>Material</b> Housing: zinc die casting nickel-plated Sealing: FPM
	<b>Degree of protection</b> IP68 (10h / 1m)
	<b>Range of temperature</b> -25 °C - +125 °C

Part number	Part	Coding	Fastening type	Pieces / PU
<b>Type M23 B1 rear wall mounting</b>				
44420024	M23 B1	black (N)	M2,5 (4x)	5
44420023	M23 B1	black (N)	M2,5 (4x)	20
44420026	M23 B1	red (+20°)	M2,5 (4x)	5
44420025	M23 B1	red (+20°)	M2,5 (4x)	20
44420022	M23 B1	blue (-20°)	M2,5 (4x)	5
44420021	M23 B1	blue (-20°)	M2,5 (4x)	20
<b>Type M23 B2 rear wall mounting</b>				
44420050	M23 B2	black (N)	Ø2,7mm (4x)	5
44420051	M23 B2	black (N)	Ø2,7mm (4x)	20
44420035	M23 B2	red (+20°)	Ø2,7mm (4x)	5
44420049	M23 B2	red (+20°)	Ø2,7mm (4x)	20
44420052	M23 B2	blue (-20°)	Ø2,7mm (4x)	5
44420053	M23 B2	blue (-20°)	Ø2,7mm (4x)	20
<b>Type M23 O1 front wall mounting</b>				
44420083	M23 O1	black (N)	Ø3,2mm (2x), mounting-Ø 50mm	5
44420082	M23 O1	black (N)	Ø3,2mm (2x), mounting-Ø 50mm	20
44420085	M23 O1	black (N)	Ø3,2mm (2x), mounting-Ø 58mm	5
44420084	M23 O1	black (N)	Ø3,2mm (2x), mounting-Ø 58mm	20
44420087	M23 O1	black (N)	Ø3,2mm (2x), mounting-Ø 70mm	5
44420086	M23 O1	black (N)	Ø3,2mm (2x), mounting-Ø 70mm	20
44420028	M23 O1	black (N)	Ø3,2mm (2x), mounting-Ø 90mm	5
44420027	M23 O1	black (N)	Ø3,2mm (2x), mounting-Ø 90mm	20

Photographs are not to scale and do not represent detailed images of the respective products.

## EPIC® M23 C2



### Benefits

- Quick and easy separation of connection from both sides of a wall
- For the connection of two harnessed M23 D6 connectors

### Application range

- Plant engineering
- Measurement and control technology

### Product features

- Feedthrough connector
- Panel thickness: up to 3mm
- The inserts and contacts are already assembled in the housing

### Technical data



**Material**

Housing: copper alloy, nickel-plated  
Insert: thermoplastics,  
Sealing: neoprene



**Degree of protection**

IP 67



**Range of temperature**

-25 °C - +125 °C

Part number	Part	Version	Contacts included	Fastening type	Pin design	Pieces / PU
<b>Type M23 C2 Feedthrough connector</b>						
00010108	EPIC® M23 C2 12	black (N)	12	Ø2,7mm (4x)	12E male - 12P female	5
00010521	EPIC® M23 C2 17	black (N)	17	Ø2,7mm (4x)	17E male - 17P female	5

Photographs are not to scale and do not represent detailed images of the respective products.

**New**

## EPIC® M23 Inserts 12 pole D-Sub



**RoHS** ✓

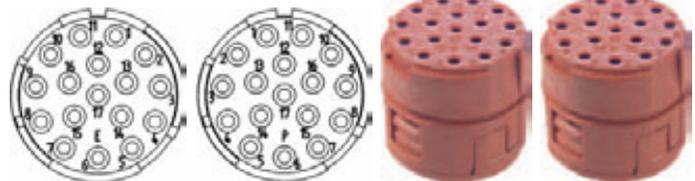


**Info**

- For D-Sub contacts-on-reel

**New**

## EPIC® M23 Inserts 17 pole D-Sub



**RoHS** ✓



**Info**

- For D-Sub contacts-on-reel

### ■ Suitable housing:

**EPIC® M23 Inserts 12 pole D-Sub**

**EPIC® M23 Inserts 17 pole D-Sub**

- EPIC® M23 A1 page 148
- EPIC® M23 A1 D3,2 page 148
- EPIC® M23 A3 page 148
- EPIC® M23 D6 page 149
- EPIC® M23 F6 page 149
- EPIC® M23 F7 page 149
- EPIC® M23 G4 page 150
- EPIC® M23 G5 page 150
- EPIC® M23 G6 page 150
- EPIC® M23 B1 page 151
- EPIC® M23 B2 page 151
- EPIC® M23 O1 page 151

**EPIC® M23 Inserts 17 pole D-Sub**

- EPIC® M-D 1.0 D-Sub stamped contacts-on-reel page 41
- All inserts are fitting in all housings

### ■ Technical data

#### Rated voltage in V

**EPIC® M23 Inserts 12 pole D-Sub**  
100 V

**EPIC® M23 Inserts 17 pole D-Sub**  
50 V

#### Rated impulse Voltage

**EPIC® M23 Inserts 12 pole D-Sub**  
1.5 kV

**EPIC® M23 Inserts 17 pole D-Sub**  
0,8 kV

#### Rated current in A

4 A

#### Pollution degree

3

#### Contact resistance

< 4 mOhm

#### Contacts

Brass, partly gold plated

#### Number of contacts

**EPIC® M23 Inserts 12 pole D-Sub**  
12

**EPIC® M23 Inserts 17 pole D-Sub**  
17

#### Termination methods

Crimpanschluss: 0,08 - 0,56 mm<sup>2</sup>

#### Cycle of mechanical operation

50



#### Range of temperature

-25 °C - +125 °C

### ■ Suitable contacts:

- EPIC® M-D 1.0 D-Sub stamped contacts-on-reel page 41

### ■ Benefits

- Efficient harnessing because of using D-Sub Contacts-on-reel

### ■ Application range

- Plant engineering
- Measurement and control technology
- Apparatus construction

Part number	Part	Inserts	Pin design	Pieces / PU
<b>Inserts 12pole, E-Part = right hand rotation (clockwise)</b>				
44420120	E-Part	Unpopulated, for male D-Sub crimp-contacts on reel	12	5
44420121	E-Part	Unpopulated, for male D-Sub crimp-contacts on reel	12	20
44420122	E-Part	Unpopulated, for female D-Sub crimp-contacts on reel	12	5
44420123	E-Part	Unpopulated, for female D-Sub crimp-contacts on reel	12	20
<b>Inserts 12pole, P-Part = left hand rotation (anticlockwise)</b>				
44420124	P-Part	Unpopulated, for male D-Sub crimp-contacts on reel	12	5
44420125	P-Part	Unpopulated, for male D-Sub crimp-contacts on reel	12	20
44420126	P-Part	Unpopulated, for female D-Sub crimp-contacts on reel	12	5
44420127	P-Part	Unpopulated, for female D-Sub crimp-contacts on reel	12	20
<b>Inserts 17pole, E-Part = right hand rotation (clockwise)</b>				
44420128	E-Part	Unpopulated, for male D-Sub crimp-contacts on reel	17	5
44420129	E-Part	Unpopulated, for male D-Sub crimp-contacts on reel	17	20
44420130	E-Part	Unpopulated, for female D-Sub crimp-contacts on reel	17	5
44420131	E-Part	Unpopulated, for female D-Sub crimp-contacts on reel	17	20
<b>Inserts 17pole, P-Part = left hand rotation (anticlockwise)</b>				
44420132	P-Part	Unpopulated, for male D-Sub crimp-contacts on reel	17	5
44420133	P-Part	Unpopulated, for male D-Sub crimp-contacts on reel	17	20
44420134	P-Part	Unpopulated, for female D-Sub crimp-contacts on reel	17	5
44420135	P-Part	Unpopulated, for female D-Sub crimp-contacts on reel	17	20

The inserts are suitable for both male and female contacts. For a complete connection you need one P-component and one E-component. P-component = left turning (anticlockwise), E-component = right turning (clockwise)

Photographs are not to scale and do not represent detailed images of the respective products.

**New**

### EPIC® M23 Inserts 12 pole PCB-soldering



**Info**

- With solder pins for PCB-boards
- Only for housing type A1, B1, B2

**New**

### EPIC® M23 Inserts 17 pole PCB-soldering



**Info**

- With solder pins for PCB-boards
- Only for housing type A1, B1, B2

**Suitable housing:**

- EPIC® M23 A1 page 148
- EPIC® M23 A1 D3,2 page 148
- EPIC® M23 B1 page 151
- EPIC® M23 B2 page 151
- Designed for housing type B1/B2

**Benefits**

- Inserts with solder pins at the rear side for soldering in PCB-boards. Ideal in combination with M23 housings type B1/B2 for rear wall mounting.

**Application range**

- Plant engineering
- Measurement and control technology
- Apparatus construction

**Technical data**

**Rated voltage in V**  
**EPIC® M23 Inserts 12 pole PCB-soldering**  
 100 V  
**EPIC® M23 Inserts 17 pole PCB-soldering**  
 50 V

**Rated impulse Voltage**  
**EPIC® M23 Inserts 12 pole PCB-soldering**  
 1,5 kV  
**EPIC® M23 Inserts 17 pole PCB-soldering**  
 0,8 kV

**Rated current in A**  
 7 A

**Pollution degree**  
 3

**Contact resistance**  
 < 4 mOhm

**Contacts**  
 Brass gold plated

**Number of contacts**  
**EPIC® M23 Inserts 12 pole PCB-soldering**  
 12  
**EPIC® M23 Inserts 17 pole PCB-soldering**  
 17

**Termination methods**  
 Solder pins Ø1,0 mm for PCB-soldering. Pin length from rear edge of housing B1/B2: 4mm

**Cycle of mechanical operation**  
 100



**Range of temperature**  
 -25 °C - +125 °C

Part number	Part	Inserts	Contacts included	Pin design	Pieces / PU
<b>Inserts 12pole, P-Part = left hand rotation (anticlockwise)</b>					
44420107	P-Part	+ male contacts PCB-solder	12	12	5
44420108	P-Part	+ female contacts PCB-solder	12	12	5
<b>Inserts 12pole, E-Part = right hand rotation (clockwise)</b>					
44420066	E-Part	+ male contacts PCB-solder	12	12	5
44420106	E-Part	+ female contacts PCB-solder	12	12	5
<b>Inserts 17pole, P-Part = left hand rotation (anticlockwise)</b>					
44420160	P-Part	+ male contacts PCB-solder	17	17	5
44420161	P-Part	+ female contacts PCB-solder	17	17	5
<b>Inserts 17pole, E-Part = right hand rotation (clockwise)</b>					
44420162	E-Part	+ male contacts PCB-solder	17	17	5
44420163	E-Part	+ female contacts PCB-solder	17	17	5

The inserts are suitable for both male and female contacts. For a complete connection you need one P-component and one E-component. P-component = left turning (anticlockwise), E-component = right turning (clockwise)  
 Photographs are not to scale and do not represent detailed images of the respective products.

**EPIC® M23 Inserts 6 pole**



**New**

**EPIC® M23 Inserts 7 pole**



**Suitable housing:**

- EPIC® M23 A1 page 148
- EPIC® M23 A1 D3,2 page 148
- EPIC® M23 A3 page 148
- EPIC® M23 D6 page 149
- EPIC® M23 F6 page 149
- EPIC® M23 F7 page 149
- EPIC® M23 G4 page 150
- EPIC® M23 G5 page 150
- EPIC® M23 G6 page 150
- EPIC® M23 B1 page 151
- EPIC® M23 B2 page 151
- EPIC® M23 O1 page 151
- All inserts are fitting in all housings

**Technical data**

**Rated voltage in V**  
150 V

**Rated impulse Voltage**  
4 kV

**Rated current in A**  
18 A

**Pollution degree**  
3

**Contact resistance**  
< 4 mOhm

**Contacts**  
Brass gold plated

**Number of contacts**  
EPIC® M23 Inserts 6 pole  
6

EPIC® M23 Inserts 7 pole  
7

**Termination methods**  
Crimp termination: 1.0 - 2.5 mm<sup>2</sup>  
Solder termination: max. 2,5 mm<sup>2</sup>

**Cycle of mechanical operation**  
100



**Range of temperature**  
-25 °C - +125 °C

**Suitable contacts:**

- EPIC® M23 Contacts male page 159
- EPIC® M23 Contacts female page 159
- use 2mm contacts

**Benefits**

- Various kind of further processing by different packaging of the M23 inserts. Full-assembled with suitable solder contacts or unpopulated for individual assembly with crimp or solder contacts

**Application range**

- Plant engineering
- Measurement and control technology
- Apparatus construction

Part number	Part	Inserts	Contacts included	Pin design	Pieces / PU
<b>Inserts 6pole, P-Part = left hand rotation (anticlockwise)</b>					
73002760	P-Part	Without contacts		6	5
73002761	P-Part	Without contacts		6	20
73002762	P-Part	+ male contacts solder	6	6	5
73002763	P-Part	+ male contacts solder	6	6	20
73002764	P-Part	+ female contacts solder	6	6	5
73002765	P-Part	+ female contacts solder	6	6	20
<b>Inserts 6pole, E-Part = right hand rotation (clockwise)</b>					
73002766	E-Part	Without contacts		6	5
73002767	E-Part	Without contacts		6	20
73002768	E-Part	+ male contacts solder	6	6	5
73002769	E-Part	+ male contacts solder	6	6	20
73002770	E-Part	+ female contacts solder	6	6	5
73002771	E-Part	+ female contacts solder	6	6	20
<b>Inserts 7pole, P-Part = left hand rotation (anticlockwise)</b>					
44420148	P-Part	Without contacts		7	5
44420149	P-Part	Without contacts		7	20
44420150	P-Part	+ male contacts solder	7	7	5
44420151	P-Part	+ male contacts solder	7	7	20
44420152	P-Part	+ female contacts solder	7	7	5
44420153	P-Part	+ female contacts solder	7	7	20
<b>Inserts 7pole, E-Part = right hand rotation (clockwise)</b>					
44420154	E-Part	Without contacts		7	5
44420155	E-Part	Without contacts		7	20
44420156	E-Part	+ male contacts solder	7	7	5
44420157	E-Part	+ male contacts solder	7	7	20
44420158	E-Part	+ female contacts solder	7	7	5
44420159	E-Part	+ female contacts solder	7	7	20

The inserts are suitable for both male and female contacts. For a complete connection you need one P-component and one E-component. P-component = left turning (anticlockwise), E-component = right turning (clockwise)

Photographs are not to scale and do not represent detailed images of the respective products.

Circular connectors

EPIC® CIRCON M23 Inserts

EPIC® M23 Inserts 8+1 pole



EPIC® M23 Inserts 9 pole



**Suitable housing:**

- EPIC® M23 A1 page 148
- EPIC® M23 A1 D3,2 page 148
- EPIC® M23 A3 page 148
- EPIC® M23 D6 page 149
- EPIC® M23 F6 page 149
- EPIC® M23 F7 page 149
- EPIC® M23 G4 page 150
- EPIC® M23 G5 page 150
- EPIC® M23 G6 page 150
- EPIC® M23 B1 page 151
- EPIC® M23 B2 page 151
- EPIC® M23 O1 page 151
- All inserts are fitting in all housings

**Suitable contacts:**

- EPIC® M23 Contacts male page 159
- EPIC® M23 Contacts female page 159

**EPIC® M23 Inserts 8+1 pole**

- 8+1: 8\*1 mm contact, 1\*2 mm contact

**EPIC® M23 Inserts 9 pole**

- 9: 9\*1 mm contact

**Technical data**

**Rated voltage in V**  
150 V

**Rated impulse Voltage**  
**EPIC® M23 Inserts 8+1 pole**  
2.5 kV

**EPIC® M23 Inserts 9 pole**  
1.5 kV

**Rated current in A**  
**EPIC® M23 Inserts 8+1 pole**  
20 A (2mm contact)  
7 A (1 mm contacts)

**EPIC® M23 Inserts 9 pole**  
7 A

**Pollution degree**  
3

**Contact resistance**  
< 4 mOhm

**Contacts**  
Brass gold plated

**Number of contacts**  
**EPIC® M23 Inserts 8+1 pole**  
8 + 1

**EPIC® M23 Inserts 9 pole**  
9

**Termination methods**  
**EPIC® M23 Inserts 8+1 pole**  
Crimp termination: 0.14 - 1.0 mm<sup>2</sup>  
(1.0 - 2.5 mm<sup>2</sup> with 2mm contact)  
Solder termination: up to 1.0 mm<sup>2</sup>  
(up to 2,5 mm<sup>2</sup> with 2mm contact)

**EPIC® M23 Inserts 9 pole**  
Crimp termination: 0.14 - 1.0 mm<sup>2</sup>  
Solder termination: up to 1.0 mm<sup>2</sup>

**Cycle of mechanical operation**  
100



**Range of temperature**  
-25 °C - +125 °C

**Benefits**

- Various kind of further processing by different packaging of the M23 inserts. Full-assembled with suitable solder contacts or unpopulated for individual assembly with crimp or solder contacts

**Application range**

- Plant engineering
- Measurement and control technology
- Apparatus construction

Part number	Part	Inserts	Contacts included	Pin design	Pieces / PU
<b>Inserts 8+1 pole, P-Part = left hand rotation (anticlockwise)</b>					
73002736	P-Part	Without contacts		8+1	5
73002737	P-Part	Without contacts		8+1	20
73002738	P-Part	+ male contacts solder	9	8+1	5
73002739	P-Part	+ male contacts solder	9	8+1	20
73002740	P-Part	+ female contacts solder	9	8+1	5
73002741	P-Part	+ female contacts solder	9	8+1	20
<b>Inserts 8+1 pole, E-Part = right hand rotation (clockwise)</b>					
73002742	E-Part	Without contacts		8+1	5
73002743	E-Part	Without contacts		8+1	20
73002744	E-Part	+ male contacts solder	9	8+1	5
73002745	E-Part	+ male contacts solder	9	8+1	20
73002746	E-Part	+ female contacts solder	9	8+1	5
73002747	E-Part	+ female contacts solder	9	8+1	20
<b>Inserts 9pole, P-Part = left hand rotation (anticlockwise)</b>					
73002724	P-Part	Unpopulated		9	5
73002725	P-Part	Unpopulated		9	20
73002726	P-Part	+ male contacts solder	9	9	5
73002727	P-Part	+ male contacts solder	9	9	20
73002728	P-Part	+ female contacts solder	9	9	5
73002729	P-Part	+ female contacts solder	9	9	20
<b>Inserts 9pole, E-Part = right hand rotation (clockwise)</b>					
73002730	E-Part	Unpopulated		9	5
73002731	E-Part	Unpopulated		9	20
73002732	E-Part	+ male contacts solder	9	9	5
73002733	E-Part	+ male contacts solder	9	9	20
73002734	E-Part	+ female contacts solder	9	9	5
73002735	E-Part	+ female contacts solder	9	9	20

The inserts are suitable for both male and female contacts. For a complete connection you need one P-component and one E-component. P-component = left turning (anticlockwise), E-component = right turning (clockwise)

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® M23 Inserts 12 pole



EPIC® M23 Inserts 16 pole



Suitable housing:

- EPIC® M23 A1 page 148
- EPIC® M23 A1 D3,2 page 148
- EPIC® M23 A3 page 148
- EPIC® M23 D6 page 149
- EPIC® M23 F6 page 149
- EPIC® M23 F7 page 149
- EPIC® M23 G4 page 150
- EPIC® M23 G5 page 150
- EPIC® M23 G6 page 150
- EPIC® M23 B1 page 151
- EPIC® M23 B2 page 151
- EPIC® M23 O1 page 151
- All inserts are fitting in all housings

Technical data

<b>Rated voltage in V</b> 100 V	<b>Number of contacts</b> EPIC® M23 Inserts 12 pole 12 EPIC® M23 Inserts 16 pole 16
<b>Rated impulse Voltage</b> 1.5 kV	<b>Termination methods</b> Crimp termination: 0.14 - 1.0 mm <sup>2</sup> Solder termination: up to 1.0 mm <sup>2</sup>
<b>Rated current in A</b> 7 A	<b>Cycle of mechanical operation</b> 100
<b>Pollution degree</b> 3	<b>Range of temperature</b> -25 °C - +125 °C
<b>Contact resistance</b> < 4 mOhm	
<b>Contacts</b> Brass gold plated	

Suitable contacts:

- EPIC® M23 Contacts male page 159
- EPIC® M23 Contacts female page 159

Benefits

- Various kind of further processing by different packaging of the M23 inserts. Full-assembled with suitable solder contacts or unpopulated for individual assembly with crimp or solder contacts

Application range

- Plant engineering
- Measurement and control technology
- Apparatus construction

Part number	Part	Inserts	Contacts included	Pin design	Pieces / PU
<b>Inserts 12pole, P-Part = left hand rotation (anticlockwise)</b>					
73002712	P-Part	Unpopulated		12	5
73002713	P-Part	Unpopulated		12	20
73002714	P-Part	+ male contacts solder	12	12	5
73002715	P-Part	+ male contacts solder	12	12	20
73002716	P-Part	+ female contacts solder	12	12	5
73002717	P-Part	+ female contacts solder	12	12	20
<b>Inserts 12pole, E-Part = right hand rotation (clockwise)</b>					
73002718	E-Part	Unpopulated		12	5
73002719	E-Part	Unpopulated		12	20
73002720	E-Part	+ male contacts solder	12	12	5
73002721	E-Part	+ male contacts solder	12	12	20
73002722	E-Part	+ female contacts solder	12	12	5
73002723	E-Part	+ female contacts solder	12	12	20
<b>Inserts 16pole, P-Part = left hand rotation (anticlockwise)</b>					
73002700	P-Part	Unpopulated		16	5
73002701	P-Part	Unpopulated		16	20
73002702	P-Part	+ male contacts solder	16	16	5
73002703	P-Part	+ male contacts solder	16	16	20
73002704	P-Part	+ female contacts solder	16	16	5
73002705	P-Part	+ female contacts solder	16	16	20
<b>Inserts 16pole, E-Part = right hand rotation (clockwise)</b>					
73002706	E-Part	Unpopulated		16	5
73002707	E-Part	Unpopulated		16	20
73002708	E-Part	+ male contacts solder	16	16	5
73002709	E-Part	+ male contacts solder	16	16	20
73002710	E-Part	+ female contacts solder	16	16	5
73002711	E-Part	+ female contacts solder	16	16	20

The inserts are suitable for both male and female contacts. For a complete connection you need one P-component and one E-component. P-component = left turning (anticlockwise), E-component = right turning (clockwise)

Photographs are not to scale and do not represent detailed images of the respective products.



**EPIC® M23 Contacts male**



**EPIC® M23 Contacts female**



Part number	Article designation	version	For style	
<b>Contacts male</b>				
72400001	EPIC® M23 SCEM 1 mm AU 0,14 - 1,0 (10)	1 mm male crimp	M23 inserts (not D-Sub)	10
72400000	EPIC® M23 SCEM 1 mm AU 0,14 - 1,0 (100)	1 mm male crimp	M23 inserts (not D-Sub)	100
72402001	EPIC® M23 SLEM 1 mm AU 1.0 (10)	1 mm male solder	M23 inserts (not D-Sub)	10
72402000	EPIC® M23 SLEM 1 mm AU 1.0 (100)	1 mm male solder	M23 inserts (not D-Sub)	100
72401000	EPIC® M23 SCEM 2 mm AU 1,0 - 2,5 (100)	2 mm male crimp	M23 inserts (not D-Sub)	100
72403100	EPIC® M23 SLEM 2 mm AU (10)	2 mm male solder	M23 inserts (not D-Sub)	10
72403000	EPIC® M23 SLEM 2 mm AU (100)	2 mm male solder	M23 inserts (not D-Sub)	100
<b>Contacts female</b>				
74020601	EPIC® M23 BCEMS 1 mm AU 0.14 - 1.0 (10)	1 mm female slot 0.14-1.0mm <sup>2</sup>	M23 inserts (not D-Sub), LS1 D6, A6	10
74200600	EPIC® M23 BCEMS 1 mm AU 0.14 - 1.0 (100)	1 mm female slot 0.14-1.0mm <sup>2</sup>	M23 inserts (not D-Sub), LS1 D6, A6	100
72402601	EPIC® M23 BLEMS 1 mm 1.0 AU (10)	1 mm female slot solder	M23 inserts (not D-Sub)	10
72402600	EPIC® M23 BLEMS 1 mm 1.0 AU (100)	1 mm female slot solder	M23 inserts (not D-Sub)	100
72401601	EPIC® M23 BCEMS 2 mm AU 1,0 - 2,5 (10)	2 mm female crimp	M23 inserts (not D-Sub)	10
72401600	EPIC® M23 BCEMS 2 mm AU 1,0 - 2,5 (100)	2 mm female crimp	M23 inserts (not D-Sub)	100
72404100	EPIC® M23 BLEMS 2 mm AU 1,0 - 2,5 (10)	2 mm female solder	M23 inserts (not D-Sub)	10
72404000	EPIC® M23 BLEMS 2 mm AU 1,0 - 2,5 (100)	2 mm female solder	M23 inserts (not D-Sub)	100
74034501	LS1 D BCEMS 1 mm AU 0.14 - 1.0 (10)	1 mm female hyper boloid 0.14-1.0mm <sup>2</sup>	M23 inserts (not D-Sub), LS1 D6, A6	10
74034500	LS1 D BCEMS 1 mm AU 0.14 - 1.0 (100)	1 mm female hyper boloid 0.14-1.0mm <sup>2</sup>	M23 inserts (not D-Sub), LS1 D6, A6	100

Photographs are not to scale and do not represent detailed images of the respective products.

**EPIC® M23 Tools**



Part number	Part	Inserts	
<b>Tools</b>			
11148000	Crimping tool	in tool case, without locator	1
11148001	Crimping tool digital	in tool case, without locator	1
11148002	Crimping machine	Pneumatic for 5-10 bar, Locator not included	1
11148300	Locator for EPIC® CIRCON		1
44420078	M23 removal tool for inserts	For housing type A, B, G, O	1

Photographs are not to scale and do not represent detailed images of the respective products.

**EPIC® M23 Accessories**



Part number	Part	Inserts	
<b>Accessories</b>			
75018310	LS1 A, G, F Protection cap, plastic cord with cable lug	Metal cap for A1, F6, F7, G5	20
75007810	M23-LS1 A,B,F,G Protection cap	Plastic cap for A1, F6	20
75007710	M23-LS1 D Protection cap	Plastic cap for D6, A6	20
75018010	M23 A, B, F, G Protection cap, plastic cord with cable lug	Metal cap for A1, F6	20
75018110	M23 A Protection cap, plastic cord with grommet	Metal cap for A1	20
55001312	SILVYN ADAPTER M23/M20x1,5	For clamping range 8,5 - 11 mm and 10,5 - 15,5 mm	1

Photographs are not to scale and do not represent detailed images of the respective products.

## EPIC® M23 Kits 12pole



Part number	Pieces / PU
75009702	1

**Part numbers for single components**

- P-Part 73002716 (page 157)
- M23 D6 44420037 (page 149)

**EPIC® KIT M23 D6 12-POL FEMALE**



- Female insert EPIC® M23 12 pole solder termination
- Cross-section up to 1.0mm<sup>2</sup>
- P-Part, left hand rotation, anticlockwise
- D6 cable connector, clamping range 7,0 - 13,5mm



Part number	Pieces / PU
75009703	1

**Part numbers for single components**

- E-Part 73002720 (page 157)
- M23 A1 72004000 (page 148)

**EPIC® KIT M23 A1 12-POL MALE**



- Male insert EPIC® M23 12 pole solder termination
- Cross-section up to 1.0mm<sup>2</sup>
- E-Part, right hand rotation, clockwise
- A1 front wall mounting



Part number	Pieces / PU
75009704	1

**Part numbers for single components**

- E-Part 73002720 (page 157)
- M23 A3 44420055 (page 148)

**EPIC® KIT M23 A3 12-POL MALE**



- Male insert EPIC® M23 12 pole solder termination
- Cross-section up to 1.0mm<sup>2</sup>
- E-Part, right hand rotation, clockwise
- A3 rotatable angled, front wall mounting



Part number	Pieces / PU
75009705	1

**Part numbers for single components**

- E-Part 73002720 (page 157)
- M23 F6 44420040 (page 149)

**EPIC® KIT M23 F6 12-POL MALE**



- Male insert EPIC® M23 12 pole solder termination
- Cross-section up to 1.0mm<sup>2</sup>
- E-Part, right hand rotation, clockwise
- F6 cable coupler, clamping range 7,0 - 13,5mm



**Info**

- Complete connectors - easy to order

**Benefits**

- Uncomplicated ordering
- Reduced misplaced orders
- Prepacked kits with suitable components

**Technical data**

**Rated voltage in V**  
100 V (1mm contacts)

**Rated current in A**  
7 A (1 mm contacts)

**Number of contacts**  
12

**EPIC® M23 Kits 17pol.**

**EPIC KIT M23 D6 17-POL FEMALE**



- Female insert EPIC® M23 17 pole solder termination
- Cross-section up to 1.0mm<sup>2</sup>
- P-Part, left hand rotation, anticlockwise
- D6 cable connector, clamping range 7,0 - 13,5mm

Part number	Pieces / PU
75009706	1

**Part numbers for single components**

- P-Part 73018000 (page 158)
- M23 D6 44420037 (page 149)



**EPIC KIT M23 A1 17-POL MALE**



- Male insert EPIC® M23 17 pole solder termination
- Cross-section up to 1.0mm<sup>2</sup>
- E-Part, right hand rotation, clockwise
- A1 front wall mounting

Part number	Pieces / PU
75009707	1

**Part numbers for single components**

- E-Part 73028500 (page 158)
- M23 A1 72004000 (page 148)



**EPIC KIT M23 A3 17-POL MALE**



- Male insert EPIC® M23 17 pole solder termination
- Cross-section up to 1.0mm<sup>2</sup>
- E-Part, right hand rotation, clockwise
- A3 rotatable angled, front wall mounting

Part number	Pieces / PU
75009708	1

**Part numbers for single components**

- E-Part 73028500 (page 158)
- M23 A3 44420055 (page 148)



**EPIC KIT M23 F6 17-POL MALE**



- Male insert EPIC® M23 17 pole solder termination
- Cross-section up to 1.0mm<sup>2</sup>
- E-Part, right hand rotation, clockwise
- F6 cable coupler, clamping range 7,0 - 13,5mm

Part number	Pieces / PU
75009709	1

**Part numbers for single components**

- E-Part 73028500 (page 158)
- M23 F6 44420040 (page 149)



**Info**

- Complete connectors - easy to order

**Benefits**

- Uncomplicated ordering
- Reduced misplaced orders
- Prepacked kits with suitable components

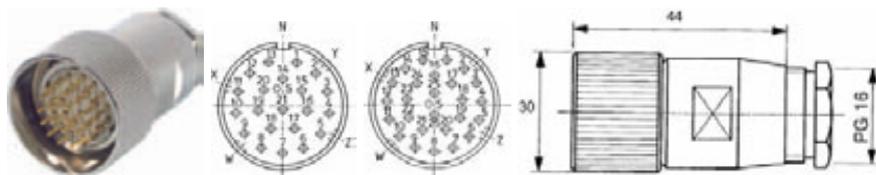
**Technical data**

**Rated voltage in V**  
50 V (1mm contacts)

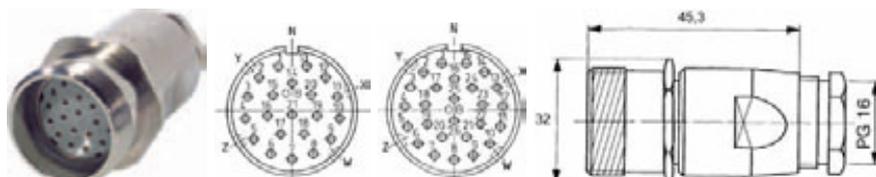
**Rated current in A**  
7 A (1 mm contacts)

**Number of contacts**  
17

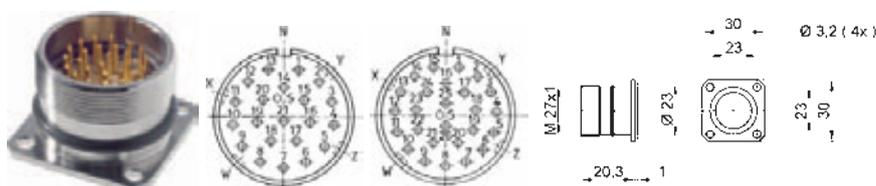
### EPIC® ZYLIN R 3.0 D PG16



### EPIC® ZYLIN R 3.0 F PG16



### EPIC® ZYLIN R 3.0 A



#### Benefits

- For requirements, where circular connectors with a higher number of contacts are necessary

#### Application range

- Machine and apparatus construction
- Measurement and control technology

#### Product features

##### EPIC® ZYLIN R 3.0 D PG16

- Cable connector
- Assembled with male or female inserts

##### EPIC® ZYLIN R 3.0 F PG16

- Cable coupler
- Assembled with male or female inserts

##### EPIC® ZYLIN R 3.0 A

- Panel mount base
- Front mounting
- Assembled with male or female inserts

#### Technical data

**Rated voltage in V**  
24V AC / 60VDC

**Rated impulse Voltage**  
1.5 kV

**Rated current in A**  
7.5 A

**Contact resistance**  
< 3 mOhm

**Contacts**  
Copper alloy, gold plated

**Number of contacts**  
21pole / 26pole

#### Termination methods

Solder termination: up to 1.0 mm<sup>2</sup>



#### Material

Housing: copper alloy, nickel-plated  
Insert: thermoplastics,  
Sealing: neoprene



#### Degree of protection

IP 67 (maximal achievable, dependant on used cable gland)

#### Cycle of mechanical operation

500



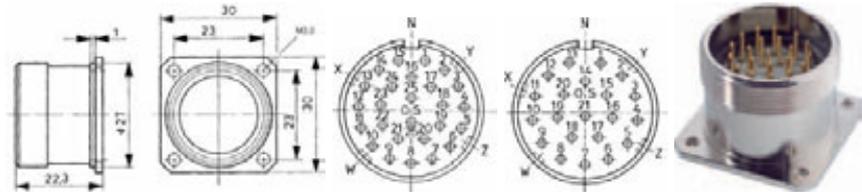
#### Range of temperature

-40°C - +100°C, temporary up to +125°C

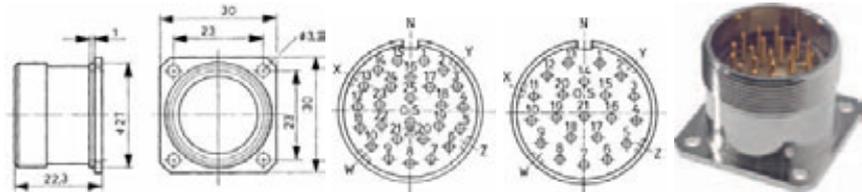
Part number	Part	Version	Contacts	Pin design	Coding	Cable clamping range	Fastening type	Pieces / PU
<b>R 3.0 D PG16</b>								
00009045	ZYLIN R 3.0 D	male	1 - 21	E-Part	N	6.5 - 16.0		5
00008899	ZYLIN R 3.0 D	male	1 - 26	E-Part	N	6.5 - 16.0		5
00008749	ZYLIN R 3.0 D	female	1 - 21	P-Part	N	6.5 - 16.0		5
00008829	ZYLIN R 3.0 D	female	1 - 26	P-Part	N	6.5 - 16.0		5
<b>R 3.0 F PG16</b>								
00008854	ZYLIN R 3.0 F	male	1 - 21	E-Part	N	6.5 - 16.0		5
00008822	ZYLIN R 3.0 F	male	1 - 26	E-Part	N	6.5 - 16.0		5
00008779	ZYLIN R 3.0 F	female	1 - 21	P-Part	N	6.5 - 16.0		5
00008979	ZYLIN R 3.0 F	female	1 - 26	P-Part	N	6.5 - 16.0		5
<b>R 3.0 A</b>								
00008747	ZYLIN R 3.0 A	male	1 - 21	E-Part	N		Ø3,2mm (4x)	5
00008825	ZYLIN R 3.0 A	male	1 - 26	E-Part	N		Ø3,2mm (4x)	5
00008867	ZYLIN R 3.0 A	female	1 - 21	P-Part	N		Ø3,2mm (4x)	5
00008746	ZYLIN R 3.0 A	female	1 - 26	P-Part	N		Ø3,2mm (4x)	5

The housing is available with male and female inserts. The contact arrangements correspond to those of the illustrated versions. Inserts with male contacts are right hand rotating (E-part = clockwise). Inserts with female contacts are left hand rotating (P-part = counter-clockwise). Photographs are not to scale and do not represent detailed images of the respective products.

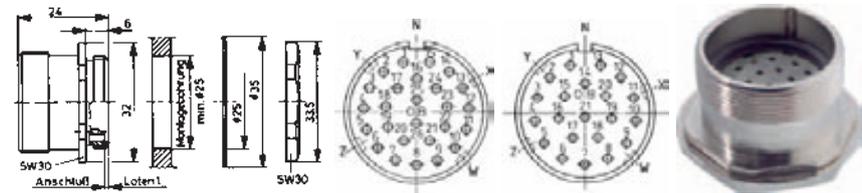
**EPIC® ZYLIN R 3.0 B1**



**EPIC® ZYLIN R 3.0 B2**



**EPIC® ZYLIN R 3.0 G1**



**Benefits**

- For requirements, where circular connectors with a higher number of contacts are necessary

**Application range**

- Machine and apparatus construction
- Measurement and control technology

**Product features**

**EPIC® ZYLIN R 3.0 B1**

- Panel connector
- Rear wall mounting
- Assembled with male or female inserts

**EPIC® ZYLIN R 3.0 B2**

- Panel connector
- Rear wall mounting
- Assembled with male or female inserts

**EPIC® ZYLIN R 3.0 G1**

- Panel connector
- Front mounting
- Assembled with male or female inserts

**Technical data**

**Rated voltage in V**  
24V AC / 60VDC

**Rated impulse Voltage**  
1.5 kV

**Rated current in A**  
7.5 A

**Contact resistance**  
< 3 mOhm

**Contacts**  
Copper alloy, gold plated

**Number of contacts**  
21pole / 26pole

**Termination methods**  
Solder termination: up to 1.0 mm<sup>2</sup>

**Material**  
Housing: copper alloy, nickel-plated  
Insert: thermoplastics,  
Sealing: neoprene

**IP** **Degree of protection**  
IP 67 (maximal achievable, dependant on used cable gland)

**Cycle of mechanical operation**  
500

**Range of temperature**  
-40°C - +100°C, temporary up to +125°C

Part number	Part	Version	Contacts	Pin design	Coding	Fastening type	Pieces / PU
<b>R 3.0 B1</b>							
00009082	ZYLIN R 3.0 B1	male	1 - 21	E-Part	N	M3 (4x)	5
00009135	ZYLIN R 3.0 B1	female	1 - 21	P-Part	N	M3 (4x)	5
00008978	ZYLIN R 3.0 B1	female	1 - 26	P-Part	N	M3 (4x)	5
<b>R 3.0 B2</b>							
00008939	ZYLIN R 3.0 B2	male	1 - 26	E-Part	N	Ø3,2mm (4x)	5
00009470	ZYLIN R 3.0 B2	female	1 - 26	P-Part	N	Ø3,2mm (4x)	5
<b>R 3.0 G1</b>							
00009371	ZYLIN R 3.0 G1	male	1 - 21	E-Part	N	Ø25mm (1x)	5
00009894	ZYLIN R 3.0 G1	male	1 - 26	E-Part	N	Ø25mm (1x)	5
00009057	ZYLIN R 3.0 G1	female	1 - 21	P-Part	N	Ø25mm (1x)	5
00009005	ZYLIN R 3.0 G1	female	1 - 26	P-Part	N	Ø25mm (1x)	5

The housing is available with male and female inserts. The contact arrangements correspond to those of the illustrated versions. Inserts with male contacts are right hand rotating (E-part = clockwise).

Inserts with female contacts are left hand rotating (

Photographs are not to scale and do not represent detailed images of the respective products.

## EPIC® ZYLIN R 3.0 Tools



## EPIC® ZYLIN R 3.0 Accessories

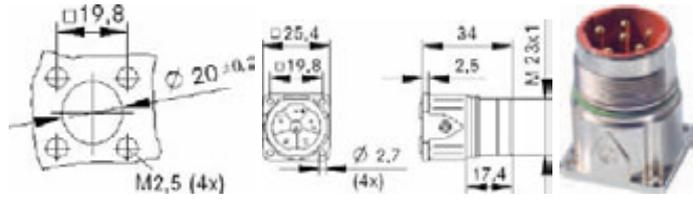


Part number	Article designation	For style	
50200800	R3.0 Assembly/Disassembly tool	for housing type D, F	1
<b>Flat gasket</b>			
50201203	R3.0 A flat gasket	for type A1	5
50202203	R3.0 B flat gasket	for housing type B	5
<b>Metal cap</b>			
50201120	R3.0 A metal screw cap	for type A1	5
50204121	R3.0 D metal screw cap	for type D6	5

Photographs are not to scale and do not represent detailed images of the respective products.



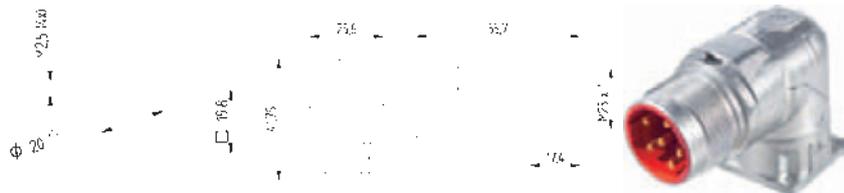
**EPIC® LS1 A1 6 contacts**



**Info**

- Range of rotation: 330° in steps of 15°

**EPIC® LS1 A3 6 contacts**



**Suitable contacts:**

- EPIC® LS1 Contacts male page 173
- PU = 5 pieces: The contacts are included. 2mm contact crimp range is 0,5-2,5mm².
- PU = 20 pieces: The contacts have to be ordered separately

**Benefits**

- The power connectors with the contact configurations 5+PE and 3+PE+4 are designed to be used in servo motors and servo harnessings

**Application range**

- Plant engineering
- Servo drives and Servo harnessings

**Product features**

**EPIC® LS1 A1 6 contacts**

- Panel mount base, straight entry
- For male contacts crimp
- Housing with assembled insulation body

**EPIC® LS1 A3 6 contacts**

- Panel mount base, angled, rotatable
- For male contacts crimp
- Housing with assembled insulation body

**Technical data**

**Rated voltage in V**  
630 V

**Rated impulse Voltage**  
6 kV

**Rated current in A**  
25 A

**Pollution degree**  
3

**Contact resistance**  
< 4 mOhm

**Contacts**  
Brass gold plated

**Number of contacts**  
5 + PE

**Termination methods**

Crimp termination: 0.5 - 2.5 mm²



**Material**

Housing: zinc die-casting nickel-plated, brass nickel plated  
Insert: PA,  
Sealing: FPM



**Degree of protection**

IP68 (10h / 1m)

**Cycle of mechanical operation**

500



**Range of temperature**

-25 °C - +125 °C



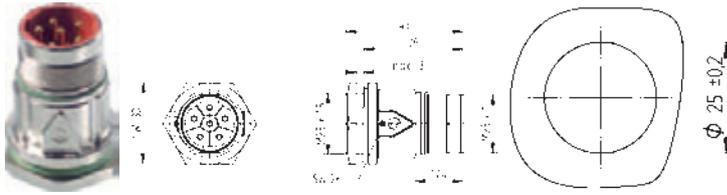
**VDE tested**

**EPIC® LS1 A1 6 contacts**  
VDE-REG.-No. 25

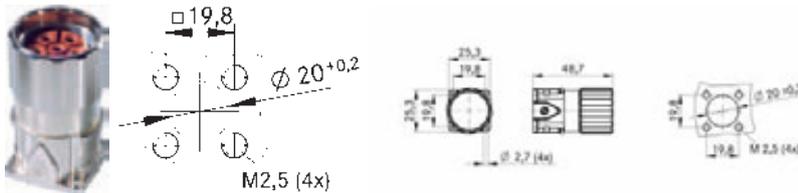
Part number	Part	Contacts included	Fastening type	Pin design	Pieces / PU
<b>Type LS1 A1 6pole for male contacts</b>					
76003000	LS1 A1	6	Ø2,7mm (4x)	5 + PE	5
76003510	LS1 A1		Ø2,7mm (4x)	5 + PE	20
<b>Type LS1 A3 angled rotatable 6pole for male contacts</b>					
44420058	LS1 A3	6	Ø2,7mm (4x)	5 + PE	5
44420059	LS1 A3		Ø2,7mm (4x)	5 + PE	20

Photographs are not to scale and do not represent detailed images of the respective products.

### EPIC® LS1 G5 6 contacts



### EPIC® LS1 A6 6 contacts



**Suitable contacts:**

**EPIC® LS1 G5 6 contacts**

- EPIC® LS1 Contacts male page 173

**EPIC® LS1 A6 6 contacts**

- EPIC® LS1 Contacts female page 173
- PU = 5 pieces: The contacts are included. 2mm contact crimp range is 0,5-2,5mm².
- PU = 20 pieces: The contacts have to be ordered separately

**Benefits**

- The power connectors with the contact configurations 5+PE and 3+PE+4 are designed to be used in servo motors and servo harnessings

**Application range**

- Plant engineering
- Servo drives and Servo harnessings

**Product features**

**EPIC® LS1 G5 6 contacts**

- Panel connector
- For male contacts crimp
- Housing with assembled insulation body

**EPIC® LS1 A6 6 contacts**

- Panel mount base, straight entry
- For female contacts crimp
- Housing with assembled insulation body

**Technical data**

**Rated voltage in V**  
630 V

**Rated impulse Voltage**  
6 kV

**Rated current in A**  
25 A

**Pollution degree**  
3

**Contact resistance**  
< 4 mOhm

**Contacts**  
Brass gold plated

**Number of contacts**  
5 + PE

**Termination methods**  
Crimp termination: 0.5 - 2.5 mm²



**Material**  
Housing: zinc die-casting nickel-plated, brass nickel plated  
Insert: PA,  
Sealing: FPM



**Degree of protection**  
IP68 (10h / 1m)

**Cycle of mechanical operation**  
500



**Range of temperature**  
-25 °C - +125 °C

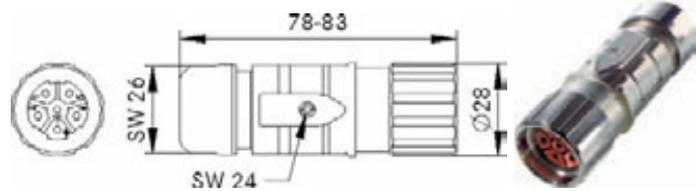


**VDE tested**  
VDE-REG.-No. 25

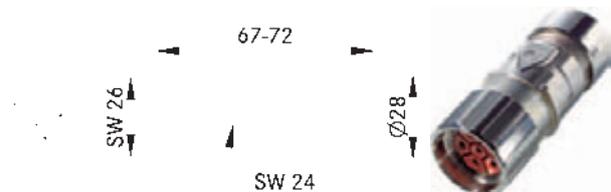
Part number	Part	Contacts included	Fastening type	Pin design	Pieces / PU
<b>Type LS1 G5 6pole for male contacts</b>					
76153000	LS1 G5	6	M25x1,5 (with counter nut)	5 + PE	5
76153510	LS1 G5		M25x1,5 (with counter nut)	5 + PE	20
<b>Type LS1 A6 6pole for female contacts</b>					
76083000	LS1 A6	6	Ø2,7mm (4x)	5 + PE	5
76083510	LS1 A6		Ø2,7mm (4x)	5 + PE	20

Photographs are not to scale and do not represent detailed images of the respective products.

**EPIC® LS1 D6 6 contacts**



**EPIC® LS1 D6 6 contacts (short)**



**Suitable contacts:**

- EPIC® LS1 Contacts female page 173
- PU = 5 pieces: The contacts are included. 2mm contact crimp range is 0,5-2,5mm².
- PU = 20 pieces: The contacts have to be ordered separately

**Benefits**

- The power connectors with the contact configurations 5+PE and 3+PE+4 are designed to be used in servo motors and servo harnessings

**Application range**

- Plant engineering
- Servo drives and Servo harnessings

**Product features**

**EPIC® LS1 D6 6 contacts**

- Cable connector, long type
- For female contacts crimp
- Housing with assembled insulation body
- Connectors with cable clamping range 14-17mm for 2mm-contacts with cross-section of 4mm²
- Articles with cable clamping range 8.5-11/10.5-15.5/7.5-15.5 includes in the PU5 the 2mm-contacts with cross-section of 0.5-2.5mm²

**EPIC® LS1 D6 6 contacts (short)**

- Cable connector, short type
- For female contacts crimp
- Housing with assembled insulation body

**Technical data**

**Rated voltage in V**  
630 V

**Rated impulse Voltage**  
6 kV

**Rated current in A**  
25 A

**Pollution degree**  
3

**Contact resistance**  
< 4 mOhm

**Contacts**  
Brass gold plated

**Number of contacts**  
5 + PE

**Termination methods**

Crimp termination: 0.5 - 4.0 mm²



**Material**

Housing: zinc die-casting nickel-plated, brass nickel plated  
Insert: PA,  
Sealing: FPM



**Degree of protection**

IP68 (10h / 1m)

**Cycle of mechanical operation**

500



**Range of temperature**

-25 °C - +125 °C



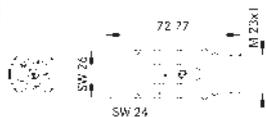
**VDE tested**

VDE-REG.-No. 25

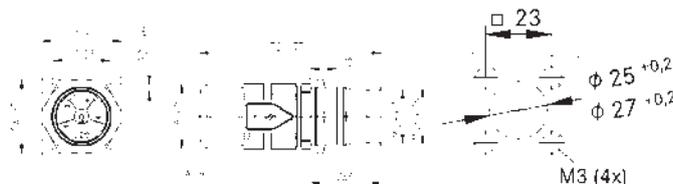
Part number	Part	Contacts included	Cable clamping range mm	Pin design	Pieces / PU
<b>Type LS1 D6 6pole for female contacts</b>					
73000004	LS1 D6	6	8.5 - 11	5 + PE	5
73000006	LS1 D6		8.5 - 11	5 + PE	20
73000005	LS1 D6	6	10.5 - 15.5	5 + PE	5
73000007	LS1 D6		10.5 - 15.5	5 + PE	20
76123000	LS1 D6	6	7.5 - 15.5	5 + PE	5
76123510	LS1 D6		7.5 - 15.5	5 + PE	20
44420091	LS1 D6	6	14 - 17	5 + PE	5
44420090	LS1 D6		14 - 17	5 + PE	20
<b>Type LS1 D6 short 6pole for female contacts</b>					
73000028	LS1 D6	6	8.5 - 11	5 + PE	5
73000030	LS1 D6		8.5 - 11	5 + PE	20
73000029	LS1 D6	6	10.5 - 15.5	5 + PE	5
73000031	LS1 D6		10.5 - 15.5	5 + PE	20
76123100	LS1 D6	6	7.5 - 15.5	5 + PE	5
76123610	LS1 D6		7.5 - 15.5	5 + PE	20

Photographs are not to scale and do not represent detailed images of the respective products.

## EPIC® LS1 F6 6 contacts



## EPIC® LS1 F7 6 contacts



### Suitable contacts:

- EPIC® LS1 Contacts male page 173
- PU = 5 pieces: The contacts are included. 2mm contact crimp range is 0,5-2,5mm<sup>2</sup>.
- PU = 20 pieces: The contacts have to be ordered separately

### Benefits

- The power connectors with the contact configurations 5+PE and 3+PE+4 are designed to be used in servo motors and servo harnessings

### Application range

- Plant engineering
- Servo drives and Servo harnessings

### Product features

#### EPIC® LS1 F6 6 contacts

- Cable coupler
- For male contacts crimp
- Connectors with cable clamping range 14-17mm for 2mm-contacts with cross-section of 4mm<sup>2</sup>
- Housing with assembled insulation body
- Articles with cable clamping range 8.5-11/10.5-15.5/7.5-15.5 includes in the PU5 the 2mm-contacts with cross-section of 0.5-2.5mm<sup>2</sup>

#### EPIC® LS1 F7 6 contacts

- Cable coupler with flange
- For male contacts crimp
- Housing with assembled insulation body

### Technical data

**Rated voltage in V**  
630 V

**Rated impulse Voltage**  
6 kV

**Rated current in A**  
25 A

**Pollution degree**  
3

**Contact resistance**  
< 4 mOhm

**Contacts**  
Brass gold plated

**Number of contacts**  
5 + PE

#### Termination methods

Crimp termination: 0.5 - 4.0 mm<sup>2</sup>



#### Material

Housing: zinc die-casting nickel-plated, brass nickel plated  
Insert: PA,  
Sealing: FPM



#### Degree of protection

IP68 (10h / 1m)

#### Cycle of mechanical operation

500



#### Range of temperature

-25 °C - +125 °C



#### VDE tested

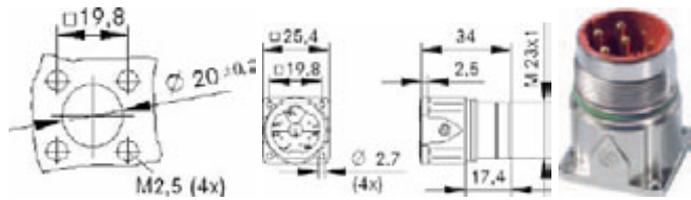
VDE-REG.-No. 25

Part number	Part	Contacts included	Cable clamping range mm	Fastening type	Pin design	Pieces / PU
<b>Type LS1 F6 6pole for male contacts</b>						
73000012	LS1 F6	6	8.5 - 11		5 + PE	5
73000014	LS1 F6		8.5 - 11		5 + PE	20
73000013	LS1 F6	6	10.5 - 15.5		5 + PE	5
73000015	LS1 F6		10.5 - 15.5		5 + PE	20
76133000	LS1 F6	6	7.5 - 15.5		5 + PE	5
76133510	LS1 F6		7.5 - 15.5		5 + PE	20
44420095	LS1 F6	6	14 - 17		5 + PE	5
44420094	LS1 F6		14 - 17		5 + PE	20
<b>Type LS1 F7 6pole for male contacts</b>						
73000020	LS1 F7	6	8.5 - 11	Ø3,2mm (4x), M25x1,5 (with counter nut)	5 + PE	5
73000021	LS1 F7	6	10.5 - 15.5	Ø3,2mm (4x), M25x1,5 (with counter nut)	5 + PE	5
73000023	LS1 F7		10.5 - 15.5	Ø3,2mm (4x), M25x1,5 (with counter nut)	5 + PE	20
76143000	LS1 F7	6	7.5 - 15.5	Ø3,2mm (4x), M25x1,5 (with counter nut)	5 + PE	5

Photographs are not to scale and do not represent detailed images of the respective products.



**EPIC® LS1 A1 8 contacts**



**Info**

- Range of rotation: 330° in steps of 15°

**EPIC® LS1 A3 8 contacts**



**Suitable contacts:**

- EPIC® LS1 Contacts male page 173
- PU = 5 pieces: The contacts are included. 2mm contact crimp range is 0,5-2,5mm².
- PU = 20 pieces: The contacts have to be ordered separately

**Benefits**

- The power connectors with the contact configurations 5+PE and 3+PE+4 are designed to be used in servo motors and servo harnessings

**Application range**

- Plant engineering
- Servo drives and Servo harnessings

**Product features**

**EPIC® LS1 A1 8 contacts**

- Panel mount base, straight entry
- For male contacts crimp
- Housing with assembled insulation body

**EPIC® LS1 A3 8 contacts**

- Panel mount base, angled, rotatable
- For male contacts crimp
- Housing with assembled insulation body

**Technical data**

**Rated voltage in V**  
630 V (2mm contacts)  
250 V (1 mm contacts)

**Rated impulse Voltage**  
6 kV (2 mm contacts)  
4 kV (1 mm contacts)

**Rated current in A**  
26 A (2 mm contacts)  
7 A (1 mm contacts)

**Pollution degree**  
3

**Contact resistance**  
< 4 mOhm

**Contacts**  
Brass gold plated

**Number of contacts**  
3 + PE + 4

**Termination methods**

Crimp termination: 0.5 - 2.5 mm² (2mm contacts)  
Crimp termination: 0.14 - 1.0 mm² (1mm contacts)



**Material**

Housing: zinc die-casting nickel-plated, brass nickel plated  
Insert: PA,  
Sealing: FPM



**Degree of protection**

IP68 (10h / 1m)

**Cycle of mechanical operation**

500



**Range of temperature**

-25 °C - +125 °C



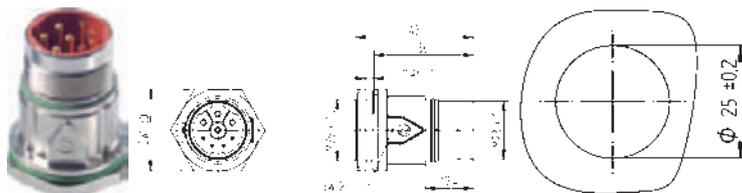
**VDE tested**

**EPIC® LS1 A1 8 contacts**  
VDE-REG.-No. 25

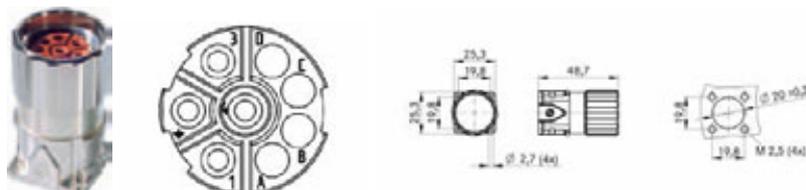
Part number	Part	Contacts included	Fastening type	Pin design	Pieces / PU
<b>Type LS1 A1 8pole for male contacts</b>					
76004000	LS1 A1	8	Ø2,7mm (4x)	3 + PE + 4	5
76004510	LS1 A1		Ø2,7mm (4x)	3 + PE + 4	20
<b>Type LS1 A3 angled rotatable 8pole for male contacts</b>					
44420056	LS1 A3	8	Ø2,7mm (4x)	3 + PE + 4	5
44420057	LS1 A3		Ø2,7mm (4x)	3 + PE + 4	20

Photographs are not to scale and do not represent detailed images of the respective products.

## EPIC® LS1 G5 8 contacts



## EPIC® LS1 A6 8 contacts



### Suitable contacts:

#### EPIC® LS1 G5 8 contacts

- EPIC® LS1 Contacts male page 173

#### EPIC® LS1 A6 8 contacts

- EPIC® LS1 Contacts female page 173
- PU = 5 pieces: The contacts are included. 2mm contact crimp range is 0,5-2,5mm².
- PU = 20 pieces: The contacts have to be ordered separately

### Benefits

- The power connectors with the contact configurations 5+PE and 3+PE+4 are designed to be used in servo motors and servo harnessings

### Application range

- Plant engineering
- Servo drives and Servo harnessings

### Product features

#### EPIC® LS1 G5 8 contacts

- Panel connector
- For male contacts crimp
- Housing with assembled insulation body

#### EPIC® LS1 A6 8 contacts

- Panel mount base, straight entry
- For female contacts crimp
- Housing with assembled insulation body

### Technical data

**Rated voltage in V**  
630 V (2mm contacts)  
250 V (1 mm contacts)

**Rated impulse Voltage**  
6 kV (2 mm contacts)  
4 kV (1 mm contacts)

**Rated current in A**  
26 A (2 mm contacts)  
7 A (1 mm contacts)

**Pollution degree**  
3

**Contact resistance**  
< 4 mOhm

**Contacts**  
Brass gold plated

**Number of contacts**  
3 + PE + 4

#### Termination methods

Crimp termination: 0.5 - 2.5 mm² (2mm contacts)  
Crimp termination: 0.14 - 1.0 mm² (1mm contacts)



#### Material

Housing: zinc die-casting nickel-plated, brass nickel plated  
Insert: PA,  
Sealing: FPM



#### Degree of protection

IP68 (10h / 1m)

#### Cycle of mechanical operation

500



#### Range of temperature

-25 °C - +125 °C



#### VDE tested

VDE-REG.-No. 25

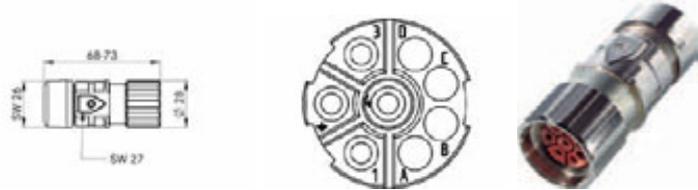
Part number	Part	Contacts included	Fastening type	Pin design	Pieces / PU
<b>Type LS1 G5 8pole for male contacts</b>					
76154000	LS1 G5	8	M25x1,5 (with counter nut)	3 + PE + 4	5
76154510	LS1 G5		M25x1,5 (with counter nut)	3 + PE + 4	20
<b>Type LS1 A6 8pole for female contacts</b>					
76084000	LS1 A6	8	Ø2,7mm (4x)	3 + PE + 4	5

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® LS1 D6 8 contacts



EPIC® LS1 D6 8 contacts (short)



Suitable contacts:

- EPIC® LS1 Contacts female page 173
- PU = 5 pieces: The contacts are included. 2mm contact crimp range is 0,5-2,5mm².
- PU = 20 pieces: The contacts have to be ordered separately

Benefits

- The power connectors with the contact configurations 5+PE and 3+PE+4 are designed to be used in servo motors and servo harnessings

Application range

- Plant engineering
- Servo drives and Servo harnessings

Product features

EPIC® LS1 D6 8 contacts

- Cable connector, long type
- For female contacts crimp
- Connectors with cable clamping range 14-17mm for 2mm-contacts with cross-section of 4mm²
- Housing with assembled insulation body
- Articles with cable clamping range 8.5-11 / 10.5-15.5 / 7.5-15.5 includes in the PU5 the 2mm-contacts with cross-section of 0.5-2.5mm²

EPIC® LS1 D6 8 contacts (short)

- Cable connector, short type
- For female contacts crimp
- Housing with assembled insulation body

Technical data

Rated voltage in V

630 V (2mm contacts)  
250 V (1 mm contacts)

Rated impulse Voltage

6 kV (2 mm contacts)  
4 kV (1 mm contacts)

Rated current in A

26 A (2 mm contacts)  
7 A (1 mm contacts)

Pollution degree

3

Contact resistance

< 4 mOhm

Contacts

Brass gold plated

Number of contacts

3 + PE + 4

Termination methods

Crimp termination: 0.5 - 4.0 mm² (2mm contacts)

Crimp termination: 0.14 - 1.0 mm² (1mm contacts)



Material

Housing: zinc die-casting nickel-plated, brass nickel plated  
Insert: PA,  
Sealing: FPM



Degree of protection

IP68 (10h / 1m)

Cycle of mechanical operation

500



Range of temperature

-25 °C - +125 °C



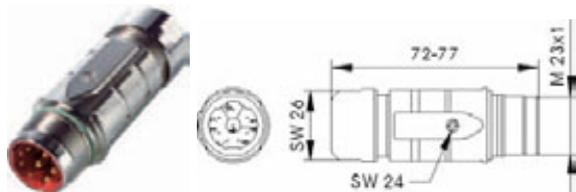
VDE tested

VDE-REG.-No. 25

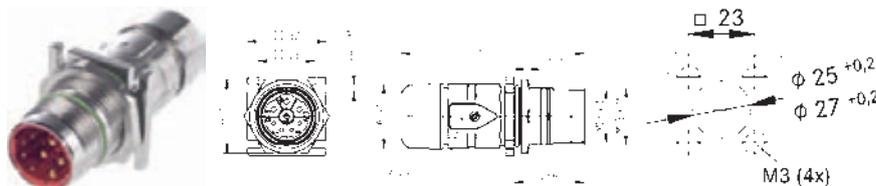
Part number	Part	Contacts included	Cable clamping range mm	Pin design	Pieces / PU
<b>Type LS1 D6 8pole for female contacts</b>					
73000000	LS1 D6	8	8.5 - 11	3 + PE + 4	5
73000002	LS1 D6		8.5 - 11	3 + PE + 4	20
73000001	LS1 D6	8	10.5 - 15.5	3 + PE + 4	5
73000003	LS1 D6		10.5 - 15.5	3 + PE + 4	20
76124000	LS1 D6	8	7.5 - 15.5	3 + PE + 4	5
76124510	LS1 D6		7.5 - 15.5	3 + PE + 4	20
44420089	LS1 D6	8	14 - 17	3 + PE + 4	5
44420088	LS1 D6		14 - 17	3 + PE + 4	20
<b>Type LS1 D6 short 8pole for female contacts</b>					
73000024	LS1 D6	8	8.5 - 11	3 + PE + 4	5
73000026	LS1 D6		8.5 - 11	3 + PE + 4	20
73000025	LS1 D6	8	10.5 - 15.5	3 + PE + 4	5
73000027	LS1 D6		10.5 - 15.5	3 + PE + 4	20
76124100	LS1 D6	8	7.5 - 15.5	3 + PE + 4	5
76124610	LS1 D6		7.5 - 15.5	3 + PE + 4	20

Photographs are not to scale and do not represent detailed images of the respective products.

## EPIC® LS1 F6 8 contacts



## EPIC® LS1 F7 8 contacts



### Suitable contacts:

- EPIC® LS1 Contacts male page 173
- PU = 5 pieces: The contacts are included. 2mm contact crimp range is 0,5-2,5mm<sup>2</sup>.
- PU = 20 pieces: The contacts have to be ordered separately

### Benefits

- The power connectors with the contact configurations 5+PE and 3+PE+4 are designed to be used in servo motors and servo harnessings

### Application range

- Plant engineering
- Servo drives and Servo harnessings

### Product features

#### EPIC® LS1 F6 8 contacts

- Cable coupler
- For male contacts crimp
- Connectors with cable clamping range 14-17mm for 2mm-contacts with cross-section of 4mm<sup>2</sup>
- Housing with assembled insulation body
- Articles with cable clamping range 8.5-11/10.5-15.5/7.5-15.5 includes in the PU5 the 2mm-contacts with cross-section of 0.5-2.5mm<sup>2</sup>

#### EPIC® LS1 F7 8 contacts

- Cable coupler with flange
- For male contacts crimp
- Housing with assembled insulation body

### Technical data

**Rated voltage in V**  
630 V (2mm contacts)  
250 V (1 mm contacts)

**Rated impulse Voltage**  
6 kV (2 mm contacts)  
4 kV (1 mm contacts)

**Rated current in A**  
26 A (2 mm contacts)  
7 A (1 mm contacts)

**Pollution degree**  
3

**Contact resistance**  
< 4 mOhm

**Contacts**  
Brass gold plated

**Number of contacts**  
3 + PE + 4

### Termination methods

Crimp termination: 0.5 - 4.0 mm<sup>2</sup> (2mm contacts)  
Crimp termination: 0.14 - 1.0 mm<sup>2</sup> (1mm contacts)



### Material

Housing: zinc die-casting nickel-plated, brass nickel plated  
Insert: PA,  
Sealing: FPM



### Degree of protection

IP68 (10h / 1m)



### Range of temperature

-25 °C - +125 °C



### VDE tested

EPIC® LS1 F6 8 contacts  
VDE-REG.-No. 25

Part number	Part	Contacts included	Cable clamping range mm	Fastening type	Pin design	Pieces / PU
<b>Type LS1 F6 8pole for male contacts</b>						
73000008	LS1 F6	8	8.5 - 11		3 + PE + 4	5
73000010	LS1 F6		8.5 - 11		3 + PE + 4	20
73000009	LS1 F6	8	10.5 - 15.5		3 + PE + 4	5
73000011	LS1 F6		10.5 - 15.5		3 + PE + 4	20
76134000	LS1 F6	8	7.5 - 15.5		3 + PE + 4	5
76134510	LS1 F6		7.5 - 15.5		3 + PE + 4	20
44420093	LS1 F6	8	14 - 17		3 + PE + 4	5
44420092	LS1 F6		14 - 17		3 + PE + 4	20
<b>Type LS1 F7 8pole for male contacts</b>						
73000016	LS1 F7	8	8.5 - 11	Ø3,2mm (4x), M25x1,5 (with counter nut)	3 + PE + 4	5
73000017	LS1 F7	8	10.5 - 15.5	Ø3,2mm (4x), M25x1,5 (with counter nut)	3 + PE + 4	5
76144000	LS1 F7	8	7.5 - 15.5	Ø3,2mm (4x), M25x1,5 (with counter nut)	3 + PE + 4	5
76144510	LS1 F7		7.5 - 15.5	Ø3,2mm (4x), M25x1,5 (with counter nut)	3 + PE + 4	20

Photographs are not to scale and do not represent detailed images of the respective products.

**EPIC® LS1 Contacts male**



**EPIC® LS1 Contacts female**



Part number	Article designation	Description	Version	For style	Pieces / PU
<b>Contacts male</b>					
74033001	LS1 A SCEM 1 mm AU 0.14 - 1.0 (10)		1 mm male 0.14-1.0mm <sup>2</sup>	LS1 A1, A3, G5	10
74033000	LS1 A SCEM 1 mm AU 0.14 - 1.0 (100)		1 mm male 0.14-1.0mm <sup>2</sup>	LS1 A1, A3, G5	100
74034001	LS1 F SCEM 1 mm AU 0.14 - 1.0 (10)		1 mm male 0.14-1.0mm <sup>2</sup>	LS1 F6, F7	10
74034000	LS1 F SCEM 1 mm AU 0.14 - 1.0 (100)		1 mm male 0.14-1.0mm <sup>2</sup>	LS1 F6, F7	100
74033101	LS1 A SCEM 2 mm AU 0.5 - 2.5 (10)		2 mm male 0.5-2.5mm <sup>2</sup>	LS1 A1, A3, G5	10
74033100	LS1 A SCEM 2 mm AU 0.5 - 2.5 (100)		2 mm male 0.5-2.5mm <sup>2</sup>	LS1 A1, A3, G5	100
74034101	LS1 F SCEM 2 mm AU 0.5 - 2.5 (10)		2 mm male 0.5-2.5mm <sup>2</sup>	LS1 F6, F7	10
74034100	LS1 F SCEM 2 mm AU 0.5 - 2.5 (100)		2 mm male 0.5-2.5mm <sup>2</sup>	LS1 F6, F7	100
44420103	LS1 F SCEM 2 mm AU 4,0 (100)		2 mm male 4.0mm <sup>2</sup>	LS1 F6, F7	100
<b>Contacts female</b>					
74020601	EPIC® M23 BCEMS 1 mm AU 0.14 - 1.0 (10)	1 mm female slot 0.14-1.0mm <sup>2</sup>	M23 inserts (not D-Sub), LS1 D6, A6	10	0
74200600	EPIC® M23 BCEMS 1 mm AU 0.14 - 1.0 (100)	1 mm female slot 0.14-1.0mm <sup>2</sup>	M23 inserts (not D-Sub), LS1 D6, A6	100	0
74034501	LS1 D BCEMS 1 mm AU 0.14 - 1.0 (10)	1 mm female hyper boloid 0.14-1.0mm <sup>2</sup>	M23 inserts (not D-Sub), LS1 D6, A6	10	0
74034500	LS1 D BCEMS 1 mm AU 0.14 - 1.0 (100)	1 mm female hyper boloid 0.14-1.0mm <sup>2</sup>	M23 inserts (not D-Sub), LS1 D6, A6	100	0
74034601	LS1 D BCEMD 2 mm AU 0.5 - 2.5 (10)	2 mm female hyper boloid 0,5-2,5mm <sup>2</sup>	LS1 D6, A6	10	0
74034600	LS1 D BCEMD 2 mm AU 0.5 - 2.5 (100)	2 mm female hyper boloid 0,5-2,5mm <sup>2</sup>	LS1 D6, A6	100	0
44420104	LS1 D BCEMD 2 mm AU 4,0 (10)	2 mm female hyper boloid 4mm <sup>2</sup>	LS1 D6	10	0
44420105	LS1 D BCEMD 2 mm AU 4,0 (100)	2 mm female hyper boloid 4mm <sup>2</sup>	LS1 D6	100	0
44429001	EPIC CIRCON BCBG 2MM 1.0-2.5 (3000) RE	2 mm female crimp	LS1 D6, A6	1	0

Photographs are not to scale and do not represent detailed images of the respective products.

**EPIC® LS1 Tools**



Part number	Part	Version	Pieces / PU
<b>Tools</b>			
11148000	Crimping tool	in tool case, without locator	1
11148001	Crimping tool digital	in tool case, without locator	1
11148002	Crimping machine	Pneumatic for 5-10 bar, Locator not included	1
11148300	Locator for EPIC® CIRCON		1
75017400	LS1 Removal tool for 1 mm contacts	For housing type A, G	1
75017500	LS1 Removal tool for 2 mm contacts	For housing type A, G	1

Photographs are not to scale and do not represent detailed images of the respective products.

**EPIC® LS1 Accessories**

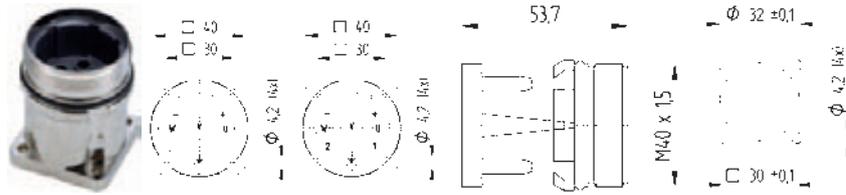


Part number	Part	Version	Pieces / PU
<b>Accessories</b>			
75018310	LS1 A, G, F Protection cap, plastic cord with cable lug	Metal cap for A1, F6, F7, G5	20
75007810	M23-LS1 A,B,F,G Protection cap	Plastic cap for A1, F6	20
75007710	M23-LS1 D Protection cap	Plastic cap for D6, A6	20
75018010	M23 A, B, F, G Protection cap, plastic cord with cable lug	Metal cap for A1, F6	20
75018110	M23 A Protection cap, plastic cord with grommet	Metal cap for A1	20
55001310	SILVYN Adapter LS1/M25x1,5	For clamping range 8,5 - 11 mm and 10,5 - 15,5 mm	1

Photographs are not to scale and do not represent detailed images of the respective products.

New

### EPIC® LS1.5 A1



New

### EPIC® LS1.5 A3



#### Suitable contacts:

- EPIC® LS1.5 Contacts male page 177
- The contacts have to be ordered separately

#### Benefits

- The power connectors with the contact configurations 3+PE+2 and 3+PE+4 are perfect suitable for servo motors and servo harnessings.
- Robust against mechanical impact

#### Application range

- Plant engineering
- Servo drives and Servo harnessings

#### Product features

##### EPIC® LS1.5 A1

- Panel mount base, straight entry
- For male contacts crimp
- Housing with assembled insulation body

##### EPIC® LS1.5 A3

- Panel mount base, angled, rotatable
- For male contacts crimp
- Housing with assembled insulation body

#### Suitable tools

- EPIC® LS1.5 Tools see page 177

#### Technical data

##### Rated voltage in V

630 V (3.6mm contacts)  
250 V (2mm contacts)

##### Rated impulse Voltage

6 kV (3.6 mm contacts)  
4 kV (2 mm contacts)

##### Rated current in A

70 A (3.6mm contacts) at 25°C  
30 A (2mm contacts) at 25°C

##### Pollution degree

3

##### Contacts

Brass gold plated

##### Number of contacts

3 + PE + 2  
3 + PE + 4

##### Termination methods

Crimp termination: 0.75 - 10 mm<sup>2</sup> (3.6mm contacts)

Crimp termination: 0.14 - 4.0 mm<sup>2</sup> (2mm contacts)



##### Material

Housing: zinc die-casting nickel-plated, brass nickel plated  
Insert: PA,  
Sealing: FPM



##### Degree of protection

IP67

##### Cycle of mechanical operation

50



##### Range of temperature

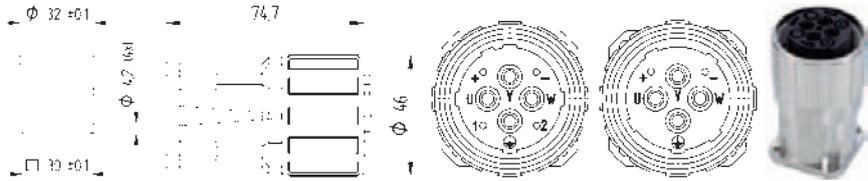
-20 °C - +125 °C

Part number	Part	Fastening type	Pin design	Pieces / PU
<b>Type LS1.5 A1 for male contacts</b>				
44429308	EPIC® LS1.5 A1	Ø4,2mm (4x)	3 + PE + 2	1
44429309	EPIC® LS1.5 A1	Ø4,2mm (4x)	3 + PE + 4	1
<b>Type LS1.5 A3 for male contacts</b>				
44429306	EPIC® LS1.5 A3	Ø4,2mm (4x)	3 + PE + 2	1
44429307	EPIC® LS1.5 A3	Ø4,2mm (4x)	3 + PE + 4	1

Photographs are not to scale and do not represent detailed images of the respective products.

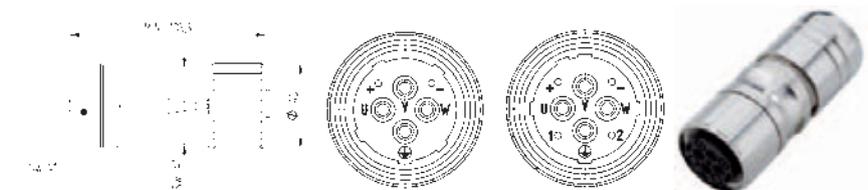
**New**

**EPIC® LS1.5 A6**



**New**

**EPIC® LS1.5 D6**



**Info**

- EMC protection

**Suitable contacts:**

- EPIC® LS1.5 Contacts female page 177
- The contacts have to be ordered separately

**Benefits**

**EPIC® LS1.5 A6**

- The power connectors with the contact configurations 3+PE+2 and 3+PE+4 are perfect suitable for servo motors and servo harnessings.
- Robust against mechanical impact

**EPIC® LS1.5 D6**

- The power connectors with the contact configurations 3+PE+2 and 3+PE+4 are perfect suitable for servo motors and servo harnessings.
- Faster, easier screen contact
- Robust against mechanical impact

**Application range**

- Plant engineering
- Servo drives and Servo harnessings

**Product features**

**EPIC® LS1.5 A6**

- Panel mount base, straight entry
- For female contacts crimp
- Housing with assembled insulation body

**EPIC® LS1.5 D6**

- Cable connector
- For female contacts crimp
- Housing with assembled insulation body

**Suitable tools**

- EPIC® LS1.5 Tools see page 177

**Technical data**

**Rated voltage in V**

- 630 V (3.6mm contacts)
- 250 V (2mm contacts)

**Rated impulse Voltage**

- 6 kV (3.6 mm contacts)
- 4 kV (2 mm contacts)

**Rated current in A**

- 70 A (3.6mm contacts) at 25°C
- 30 A (2mm contacts) at 25°C

**Pollution degree**

3

**Contacts**

Brass gold plated

**Number of contacts**

- 3 + PE + 2
- 3 + PE + 4

**Termination methods**

- Crimp termination: 0.75 - 1.6 mm<sup>2</sup> (3.6mm contacts)
- Crimp termination: 0.14 - 4.0 mm<sup>2</sup> (2mm contacts)



**Material**

Housing: zinc die-casting nickel-plated, brass nickel plated  
Insert: PA,  
Sealing: FPM



**Degree of protection**

IP67

**Cycle of mechanical operation**

50



**Range of temperature**

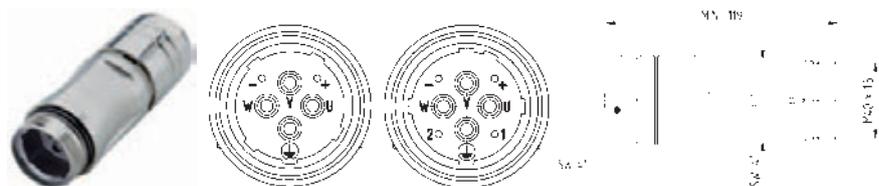
-20 °C - +125 °C

Part number	Part	Cable clamping range mm	Fastening type	Pin design	Pieces / PU
<b>Type LS1.5 A6 for female contacts</b>					
44429316	EPIC® LS1.5 A6		Ø4,2mm (4x)	3 + PE + 2	1
44429317	EPIC® LS1.5 A6		Ø4,2mm (4x)	3 + PE + 4	1
<b>Type LS1.5 D6 for female contacts</b>					
44429310	EPIC® LS1.5 D6	9 - 14		3 + PE + 2	1
44429311	EPIC® LS1.5 D6	14 - 20.5		3 + PE + 2	1
44429312	EPIC® LS1.5 D6	20.5 - 26.5		3 + PE + 2	1
44429313	EPIC® LS1.5 D6	9 - 14		3 + PE + 4	1
44429314	EPIC® LS1.5 D6	14 - 20.5		3 + PE + 4	1
44429315	EPIC® LS1.5 D6	20.5 - 26.5		3 + PE + 4	1

Photographs are not to scale and do not represent detailed images of the respective products.

**New**

## EPIC® LS1.5 F6



Info

- EMC protection

### Suitable contacts:

- EPIC® LS1.5 Contacts male page 177
- The contacts have to be ordered separately

### Benefits

- The power connectors with the contact configurations 3+PE+2 and 3+PE+4 are perfect suitable for servo motors and servo harnessings.
- Faster, easier screen contact
- Robust against mechanical impact

### Application range

- Plant engineering
- Servo drives and Servo harnessings

### Product features

- Cable coupler
- For male contacts crimp
- Housing with assembled insulation body

### Suitable tools

- EPIC® LS1.5 Tools see page 177

### Technical data

**Rated voltage in V**  
630 V (3.6mm contacts)  
250 V (2mm contacts)

**Rated impulse Voltage**  
6 kV (3.6 mm contacts)  
4 kV (2 mm contacts)

**Rated current in A**  
70 A (3.6mm contacts) at 25°C  
30 A (2mm contacts) at 25°C

**Pollution degree**  
3

**Contacts**  
Brass gold plated

**Number of contacts**  
3 + PE + 2  
3 + PE + 4

**Termination methods**  
Crimp termination: 0.75 - 1.6 mm<sup>2</sup> (3.6mm contacts)  
Crimp termination: 0.14 - 4.0 mm<sup>2</sup> (2mm contacts)



**Material**  
Housing: zinc die-casting nickel-plated, brass nickel plated  
Insert: PA,  
Sealing: FPM



**Degree of protection**  
IP67

**Cycle of mechanical operation**  
50



**Range of temperature**  
-20 °C - +125 °C

Part number	Part	Cable clamping range mm	Pin design	Pieces / PU
<b>Type LS1.5 F6 for male contacts</b>				
44429300	EPIC® LS1.5 F6	9 - 14	3 + PE + 2	1
44429301	EPIC® LS1.5 F6	14 - 20.5	3 + PE + 2	1
44429302	EPIC® LS1.5 F6	20.5 - 26.5	3 + PE + 2	1
44429303	EPIC® LS1.5 F6	9 - 14	3 + PE + 4	1
44429304	EPIC® LS1.5 F6	14 - 20.5	3 + PE + 4	1
44429305	EPIC® LS1.5 F6	20.5 - 26.5	3 + PE + 4	1

Photographs are not to scale and do not represent detailed images of the respective products.

**New**

**EPIC® LS1.5 Contacts male**



**New**

**EPIC® LS1.5 Contacts female**



**New**

**EPIC® LS1.5 Tools**



**Suitable tools**

**EPIC® LS1.5 Contacts female**

- Crimp tool for termination of 16mm<sup>2</sup> wires on request

Part number	Article designation	Description	Version	For style	Pieces / PU
<b>3.6 mm male contacts</b>					
44429334	LS1.5 A SCEM 3,6MM AU 0,75-1,5		3.6 mm male 0.75-1.5	for type A1, A3	10
44429335	LS1.5 A SCEM 3,6MM AU 1,0-2,5		3.6 mm male 1.0-2.5mm <sup>2</sup>	for type A1, A3	10
44429336	LS1.5 A SCEM 3,6MM AU 1,0-4,0		3.6 mm male 1.0-4.0mm <sup>2</sup>	for type A1, A3	10
44429337	LS1.5 A SCEM 3,6MM AU 4,0-6,0		3.6 mm male 4.0-6.0mm <sup>2</sup>	for type A1, A3	10
44429338	LS1.5 A SCEM 3,6MM AU 6,0-10,0		3.6 mm male 6.0-10.0mm <sup>2</sup>	for type A1, A3	10
44429326	LS1.5 F SCEM 3,6MM AU 1,0-2,5		3.6 mm male 1.0-2.5mm <sup>2</sup>	for type F6	10
44429327	LS1.5 F SCEM 3,6MM AU 2,5-4,0		3.6 mm male 2.5-4.0mm <sup>2</sup>	for type F6	10
44429328	LS1.5 F SCEM 3,6MM AU 4,0-6,0		3.6 mm male 4.0-6.0mm <sup>2</sup>	for type F6	10
44429329	LS1.5 F SCEM 3,6MM AU 6,0-16,0		3.6 mm male 6.0-16.0mm <sup>2</sup>	for type F6	10
<b>2mm male contacts</b>					
44429339	LS1.5 A SCEM 2MM AU 0,14-0,25		2 mm male 0.14-0.25mm <sup>2</sup>	for type A1, A3	10
44429340	LS1.5 A SCEM 2MM AU 0,25-1,0		2 mm male 0.25-1.0mm <sup>2</sup>	for type A1, A3	10
44429341	LS1.5 A SCEM 2MM AU 0,75-1,5		2 mm male 0.75-1.5mm <sup>2</sup>	for type A1, A3	10
44429342	LS1.5 A SCEM 2MM AU 1,0-2,5		2 mm male 1.0-2.5mm <sup>2</sup>	for type A1, A3	10
44429343	LS1.5 A SCEM 2MM AU 4,0		2 mm male 4.0mm <sup>2</sup>	for type A1, A3	10
44429330	LS1.5 F SCEM 2MM AU 0,25-1,0		2 mm male 0.25-1.0mm <sup>2</sup>	for type F6	10
44429331	LS1.5 F SCEM 2MM AU 0,75-1,5		2 mm male 0.75-1.5mm <sup>2</sup>	for type F6	10
44429332	LS1.5 F SCEM 2MM AU 1,0-2,5		2 mm male 1.0-2.5mm <sup>2</sup>	for type F6	10
44429333	LS1.5 F SCEM 2MM AU 4,0		2 mm male 4.0mm <sup>2</sup>	for type F6	10
<b>3.6 mm female contacts</b>					
44429318	LS1.5 D BCEM 3,6MM AU 1,0-2,5		3.6 mm female 1.0-2.5mm <sup>2</sup>	for type D6, A6	10
44429319	LS1.5 D BCEM 3,6MM AU 2,5-4,0		3.6 mm female 2.5-4.0mm <sup>2</sup>	for type D6, A6	10
44429320	LS1.5 D BCEM 3,6MM AU 4,0-6,0		3.6 mm female 4.0-6.0mm <sup>2</sup>	for type D6, A6	10
44429321	LS1.5 D BCEM 3,6MM AU 6,0-16,0		3.6 mm female 6.0-16.0mm <sup>2</sup>	for type D6, A6	10
<b>2mm female contacts</b>					
44429322	LS1.5 D BCEM 2MM AU 0,25-1,0		2 mm female 0,25-1,0mm <sup>2</sup>	for type D6, A6	10
44429323	LS1.5 D BCEM 2MM AU 0,75-1,5		2 mm female 0,75-1,5mm <sup>2</sup>	for type D6, A6	10
44429324	LS1.5 D BCEM 2MM AU 1,0-2,5		2 mm female 1,0-2,5mm <sup>2</sup>	for type D6, A6	10
44429325	LS1.5 D BCEM 2MM AU 4,0		2mm female 4,0mm <sup>2</sup>	for type D6, A6	10
<b>Crimping tool</b>					
44429367	LS1.5 CRIMPTOOL 0,08-6,0	4-indent crimp tool including locator	0.14-6.0mm <sup>2</sup>	for LS1.5, LS3	1
44429368	LS1.5 CRIMPTOOL 6,0-10,0	4-indent crimp tool including locator	6.0-10.0mm <sup>2</sup>	for LS1.5	1

Photographs are not to scale and do not represent detailed images of the respective products.

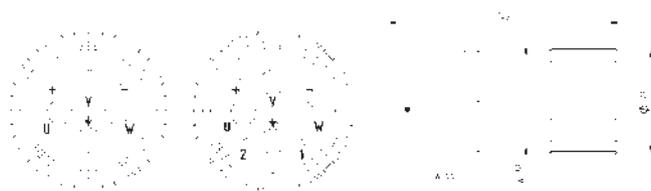
**New**

### EPIC® LS3 A1



**New**

### EPIC® LS3 D6



**Suitable contacts:**

**EPIC® LS3 A1**

- EPIC® LS3 Contacts male page 180

**EPIC® LS3 D6**

- EPIC® LS3 Contacts female page 180
- The contacts have to be ordered separately

**Benefits**

- The power connectors with the contact configurations 3+PE+2 and 3+PE+4 are perfect suitable for servo motors and servo harnessings.
- Robust against mechanical impact
- EMC protection

**Application range**

- Plant engineering
- Servo drives and Servo harnessings

**Product features**

**EPIC® LS3 A1**

- Panel mount base, straight entry
- For male contacts crimp
- Housing with assembled insulation body

**EPIC® LS3 D6**

- Cable connector
- For female contacts crimp
- Housing with assembled insulation body

**Suitable tools**

- EPIC® LS3 Tools see page 180

**Technical data**

**Rated voltage in V**

630 V (10mm contacts)  
250 V (1.6mm contacts)

**Rated impulse Voltage**

6 kV (10mm contacts)  
4 kV (1.6mm contacts)

**Rated current in A**

150 A (10mm contacts) at 25°C  
12 A (1.6mm contacts) at 25°C

**Pollution degree**

3

**Contacts**

Brass silver plated  
Brass gold plated

**Number of contacts**

3 + PE + 2  
3 + PE + 4

**Termination methods**

Crimp termination 10 - 50 mm<sup>2</sup> (10mm contacts)  
Crimp termination 0.75 - 1.5 mm<sup>2</sup> (1.6mm contacts)



**Material**

Housing: Aluminium anodised  
Insert: PA  
Sealing: FPM



**Degree of protection**

IP 67

**Cycle of mechanical operation**

50



**Range of temperature**

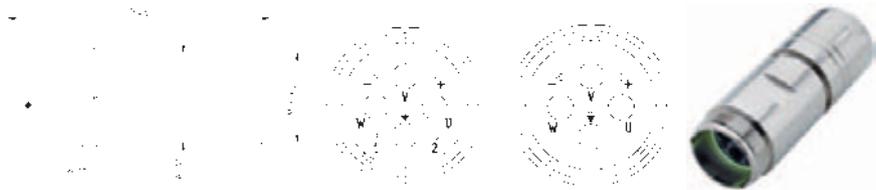
-20 °C - +120 °C

Part number	Part	Cable clamping range mm	Fastening type	Pin design	Pieces / PU
<b>Type LS3 A1 for male contacts</b>					
44429352	LS3 A1		Ø4,2mm (4x)	3 + PE + 2	1
44429353	LS3 A1		Ø4,2mm (4x)	3 + PE + 4	1
<b>Type LS3 D6 for female contacts</b>					
44429344	LS3 D6	17 - 25		3 + PE + 2	1
44429345	LS3 D6	25 - 36		3 + PE + 2	1
44429346	LS3 D6	17 - 25		3 + PE + 4	1
44429347	LS3 D6	25 - 36		3 + PE + 4	1

Photographs are not to scale and do not represent detailed images of the respective products.

**New**

**EPIC® LS3 F6**



**Suitable contacts:**

- EPIC® LS3 Contacts male page 180
- The contacts have to be ordered separately

**Benefits**

- The power connectors with the contact configurations 3+PE+2 and 3+PE+4 are perfect suitable for servo motors and servo harnessings.
- Robust against mechanical impact
- EMC protection

**Application range**

- Plant engineering
- Servo drives and Servo harnessings

**Product features**

- Cable coupler
- For male contacts crimp
- Housing with assembled insulation body

**Suitable tools**

- EPIC® LS3 Tools see page 180

**Technical data**

**Rated voltage in V**

630 V (10mm contacts)  
250 V (1.6mm contacts)

**Rated impulse Voltage**

6 kV (10mm contacts)  
4 kV (1.6mm contacts)

**Rated current in A**

150 A (10mm contacts) at 25 °C  
12 A (1.6mm contacts) at 25 °C

**Pollution degree**

3

**Contacts**

Brass silver plated  
Brass gold plated

**Number of contacts**

3 + PE + 2  
3 + PE + 4

**Termination methods**

Crimp termination 10 - 50 mm<sup>2</sup> (10mm contacts)  
Crimp termination 0.75 - 1.5 mm<sup>2</sup> (1.6mm contacts)



**Material**

Housing: Aluminium anodised  
Insert: PA  
Sealing: FPM



**Degree of protection**

IP 67

**Cycle of mechanical operation**

50



**Range of temperature**

-20 °C - +120 °C

Part number	Part	Cable clamping range mm	Pin design	Pieces / PU
<b>Type LS3 F6 for male contacts</b>				
44429348	LS3 F6	17 - 25	3 + PE + 2	1
44429349	LS3 F6	25 - 36	3 + PE + 2	1
44429350	LS3 F6	17 - 25	3 + PE + 4	1
44429351	LS3 F6	25 - 36	3 + PE + 4	1

Photographs are not to scale and do not represent detailed images of the respective products.

Circular connectors

EPIC® LS3 Contacts, tools, accessories

New

EPIC® LS3 Contacts male



RoHS ✓

New

EPIC® LS3 Contacts female



RoHS ✓

New

EPIC® LS3 Tools



RoHS ✓

Part number	Article designation	Description	Version	For style	Pieces / PU
<b>EPIC® LS3 male contacts</b>					
44429360	LS3 A, F SCEM 10MM AG 10		10 mm male 10mm <sup>2</sup>	for type A1, F6	4
44429361	LS3 A, F SCEM 10MM AG 16		10 mm male 16mm <sup>2</sup>	for type A1, F6	4
44429362	LS3 A, F SCEM 10MM AG 25		10 mm male 25mm <sup>2</sup>	for type A1, F6	4
44429363	LS3 A, F SCEM 10MM AG 35		10 mm male 35mm <sup>2</sup>	for type A1, F6	4
44429364	LS3 A, F SCEM 10MM AG 50		10 mm male 50mm <sup>2</sup>	for type A1, F6	4
44429365	LS3 A, F SCEM 1.6MM AU 0.75-1.5		1.6 mm male 0.75-1.5mm <sup>2</sup>	for type A1, F6	4
<b>EPIC® LS3 female contacts</b>					
44429354	LS3 D BCEM 10MM AG 10		10 mm female 10mm <sup>2</sup>	for type D6	4
44429355	LS3 D BCEM 10MM AG 16		10 mm female 16mm <sup>2</sup>	for type D6	4
44429356	LS3 D BCEM 10MM AG 25		10 mm female 25mm <sup>2</sup>	for type D6	4
44429357	LS3 D BCEM 10MM AG 35		10 mm female 35mm <sup>2</sup>	for type D6	4
44429358	LS3 D BCEM 10MM AG 50		10 mm female 35mm <sup>2</sup>	for type D6	4
44429359	LS3 D BCEM 1.6MM AU 0.75-1.5		1.6 mm female 0.75-1.5mm <sup>2</sup>	for type D6	4
<b>Crimping tool</b>					
44429366	LS3 Crimp tool 10.0-50.0	Electro hydraulic Crimp tool including charging device, accumulator and crimp dies for 10-50mm <sup>2</sup>	10.0-50.0mm <sup>2</sup>	for LS3	1
44429367	LS1.5 CRIMPTOOL 0,08-6,0	4-indent crimp tool including locator	0.14-6.0mm <sup>2</sup>	for LS1.5, LS3	1

Photographs are not to scale and do not represent detailed images of the respective products.

**EPIC® LS1 Kits 6pole**

**EPIC KIT LS1 D6 6-POL FEMALE**



- Pin configuration 5+PE, for female contacts 2mmØ
- Machined crimp contacts 0.5-2.5mm² are included
- D6 cable connector, clamping range 7,5 - 15,5mm

Part number	Pieces / PU
75009690	1

**Part numbers for single components**

- LS1 D6 76123000 (page 167)



**EPIC KIT LS1 A1 6-POL MALE**



- Pin configuration 5+PE, for male contacts 2mmØ
- Machined crimp contacts 0.5-2.5mm² are included
- A1 front wall mounting

Part number	Pieces / PU
75009691	1

**Part numbers for single components**

- LS1 A1 76003000 (page 165)



**EPIC KIT LS1 A3 6-POL MALE**



- Pin configuration 5+PE, for male contacts 2mmØ
- Machined crimp contacts 0.5-2.5mm² are included
- A3 rotatable angled, front wall mounting

Part number	Pieces / PU
75009692	1

**Part numbers for single components**

- LS1 A3 44420058 (page 165)



**EPIC KIT LS1 F6 6-POL MALE**



- Pin configuration 5+PE, for male contacts 2mmØ
- Machined crimp contacts 0.5-2.5mm² are included
- F6 cable coupler, clamping range 7,5 - 15,5mm

Part number	Pieces / PU
75009693	1

**Part numbers for single components**

- LS1 F6 76133000 (page 168)



**Info**

- Complete connectors - easy to order

**Benefits**

- Prepacked kits with suitable components
- Uncomplicated ordering
- Reduced misplaced orders

**Technical data**

- Rated voltage in V**  
630 V (2mm contacts)
- Rated current in A**  
26 A (2 mm contacts)
- Number of contacts**  
5 + PE

## EPIC® LS1 Kits 8pole



Part number	Pieces / PU
75009694	1

■ **Part numbers for single components**

- LS1 D6 76124000 (page 171)

■ **EPIC KIT LS1 D6 8-POL FEMALE**



- Pin configuration 3+PE+4, for female contacts 2mmØ + 1mmØ
- Machined crimp contacts 0.5-2.5mm<sup>2</sup> and 0.14-1.0mm<sup>2</sup> are included
- D6 cable connector, clamping range 7,5 - 15,5mm



Part number	Pieces / PU
75009695	1

■ **Part numbers for single components**

- LS1 A1 76004000 (page 169)

■ **EPIC KIT LS1 A1 8-POL MALE**



- Pin configuration 3+PE+4, for male contacts 2mmØ + 1mmØ
- Machined crimp contacts 0.5-2.5mm<sup>2</sup> and 0.14-1.0mm<sup>2</sup> are included
- A1 front wall mounting



Part number	Pieces / PU
75009696	1

■ **Part numbers for single components**

- LS1 A3 44420056 (page 169)

■ **EPIC KIT LS1 A3 8-POL MALE**



- Pin configuration 3+PE+4, for male contacts 2mmØ + 1mmØ
- Machined crimp contacts 0.5-2.5mm<sup>2</sup> and 0.14-1.0mm<sup>2</sup> are included
- A3 rotatable angled, front wall mounting



Part number	Pieces / PU
75009697	1

■ **Part numbers for single components**

- LS1 F6 76134000 (page 172)

■ **EPIC KIT LS1 F6 8-POL MALE**



- Pin configuration 3+PE+4, for male contacts 2mmØ + 1mmØ
- Machined crimp contacts 0.5-2.5mm<sup>2</sup> and 0.14-1.0mm<sup>2</sup> are included
- F6 cable coupler, clamping range 7,5 - 15,5mm



**Info**

- Complete connectors - easy to order

■ **Benefits**

- Uncomplicated ordering
- Reduced misplaced orders
- Prepacked kits with suitable components

■ **Technical data**

**Rated voltage in V**  
630 V (2mm contacts)  
250 V (1 mm contacts)

**Rated current in A**  
26 A (2 mm contacts)  
7 A (1 mm contacts)

**Number of contacts**  
3 + PE + 4

**New**

**EPIC® POWERLOCK A1 C**



**New**

**EPIC® POWERLOCK A6 C**



**Info**

- Connector for unscreened single core energy cables

**Suitable contacts:**

- EPIC® POWERLOCK Crimp contacts
- Housing without contact, order contact separately

**Benefits**

- Resistant to mechanical influences in harsh environmental conditions
- Connectors in harmonized colours according to European standards
- Every colour different coded to prevent incorrect plugging
- USA Colour Code on request

**Application range**

- For Renewable Energy Plants e.g. Wind power
- For mobile and stationary power distribution
- For the connection of motors, transformers and generators
- Light & Sound technology

**Product features**

- Panel mount base, straight entry
- Contact fixing by contact retention pin, each pin can only be used once
- Housing without contact, order contact separately

**Technical data**

<b>Rated voltage in V</b>	1000 V
<b>Rated impulse Voltage</b>	8 kV
<b>Rated current in A</b>	Crimp max. 660 A
<b>Pollution degree</b>	3
<b>Contacts</b>	Crimp termination: Copper, silver plated
<b>Number of contacts</b>	1
<b>Termination methods</b>	Crimp termination: 35 - 240 mm <sup>2</sup>
<b>Material</b>	Housing: PBT Contact retention pin: PA
<b>Degree of protection</b>	IP 67 (maximal achievable, dependant on used cable gland) IP 20 (unmated)
<b>Cycle of mechanical operation</b>	500
<b>Range of temperature</b>	-25 °C - +125 °C

Part number	Part	Fastening type	Pin design	Pieces / PU
<b>Type POWERLOCK A1, panel mount base Drain for contact with M12 threaded post</b>				
44420221	POWERLOCK A1 PE/GN	Ø5,5mm (4x)	PE, Green	1
44420222	POWERLOCK A1 N/BL	Ø5,5mm (4x)	N, Blue	1
44420223	POWERLOCK A1 L1/BN	Ø5,5mm (4x)	L1, Brown	1
44420224	POWERLOCK A1 L2/BK	Ø5,5mm (4x)	L2, Black	1
44420225	POWERLOCK A1 L3/GY	Ø5,5mm (4x)	L3, Grey	1
<b>Type POWERLOCK A6, panel mount base Source for contact with M12 threaded post</b>				
44420226	POWERLOCK A6 PE/GN	Ø5,5mm (4x)	PE, Green	1
44420227	POWERLOCK A6 N/BL	Ø5,5mm (4x)	N, Blue	1
44420228	POWERLOCK A6 L1/BN	Ø5,5mm (4x)	L1, Brown	1
44420229	POWERLOCK A6 L2/BK	Ø5,5mm (4x)	L2, Black	1
44420230	POWERLOCK A6 L3/GY	Ø5,5mm (4x)	L3, Grey	1

Photographs are not to scale and do not represent detailed images of the respective products.

New

## EPIC® POWERLOCK D6 C



New

## EPIC® POWERLOCK F6 C



Info

- Connector for unscreened single core energy cables

### Suitable contacts:

- EPIC® POWERLOCK Crimp contacts
- Housing without contact, order contact separately

### Benefits

- Resistant to mechanical influences in harsh environmental conditions
- Connectors in harmonized colours according to European standards
- Every colour different coded to prevent incorrect plugging
- USA Colour Code on request

### Application range

- For Renewable Energy Plants e.g. Wind power
- For mobile and stationary power distribution
- For the connection of motors, transformers and generators
- Light & Sound technology

### Product features

- Connector straight with M40 thread
- Order SKINTOP® ST-M 40 or STR-M 40 separately
- Contact fixing by contact retention pin, each pin can only be used once
- Housing without contact, order contact separately

### Technical data

**Rated voltage in V**  
1000 V

**Rated impulse Voltage**  
8 kV

**Rated current in A**  
Crimp max. 660 A

**Pollution degree**  
3

**Contacts**  
Crimp termination: Copper, silver plated

**Number of contacts**  
1

**Termination methods**  
Crimp termination: 35 - 240 mm²



**Material**  
Housing: PBT  
Contact retention pin: PA



**Degree of protection**  
IP 67 (maximal achievable, dependant on used cable gland)  
IP 20 (unmated)

**Cycle of mechanical operation**  
500



**Range of temperature**  
-25 °C - +125 °C

Part number	Part	M	Pin design	Pieces / PU
<b>Type POWERLOCK D6, cable connector Source for crimp contact</b>				
44420216	POWERLOCK D6 PE/GN	40	PE, Green	1
44420217	POWERLOCK D6 N/BL	40	N, Blue	1
44420218	POWERLOCK D6 L1/BN	40	L1, Brown	1
44420219	POWERLOCK D6 L2/BK	40	L2, Black	1
44420220	POWERLOCK D6 L3/GY	40	L3, Grey	1
<b>Type POWERLOCK F6, Cable coupler Drain for crimp contact</b>				
44420211	POWERLOCK F6 PE/GN	40	PE, Green	1
44420212	POWERLOCK F6 N/BL	40	N, Blue	1
44420213	POWERLOCK F6 L1/BN	40	L1, Brown	1
44420214	POWERLOCK F6 L2/BK	40	L2, Black	1
44420215	POWERLOCK F6 L3/GY	40	L3, Grey	1

Photographs are not to scale and do not represent detailed images of the respective products.

### Accessories

- SKINTOP® ST-M

**EPIC® POWERLOCK BOX C**



**Info**

- Can be locked to prevent unauthorized disconnection

**Benefits**

- Guarantees the correct sequence of connecting and disconnecting a set of connectors (PE, N, L1, L2, L3)
- Every colour different coded to prevent incorrect plugging
- IP 20 finger protected
- Integrated micro switch that can be connected to circuit breaker or alarm circuit
- Connection with standard EPIC® POWERLOCK connectors

**Application range**

- Alternative energy installations
- For mobile and stationary power distribution
- For the connection of motors, transformers and generators
- Light & Sound technology

**Housings**

- Sealed Security lid optional

**Product features**

- Contacts with M12 threaded post included
- Cable connector for micro switch optional
- 19" chassis with height 2U

**Technical data**

**Rated voltage in V**  
1000 V

**Rated current in A**  
Crimp max. 660 A

**Pollution degree**  
3

**Contacts**  
Crimp termination: Copper, silver plated

**Number of contacts**  
4 + PE

**Termination methods**  
Crimp termination: 35 - 240 mm<sup>2</sup>

**IP** Degree of protection  
IP 65 (latched)

**Cycle of mechanical operation**  
500

**Range of temperature**  
-25 °C - +85 °C

Part number	Part	Fastening type	Pin design	
<b>POWERLOCK BOX A1, panel mount base Drain with M12 threaded post</b>				
44420288	POWERLOCK BOX A1 C	Ø6,5mm (4x)	4+PE	1
<b>POWERLOCK BOX A1, panel mount base with cover, Drain with M12 threaded post</b>				
44420289	POWERLOCK BOX A1 CD	Ø6,5mm (4x)	4+PE	1
<b>POWERLOCK BOX A6, panel mount base Source with M12 threaded post</b>				
44420284	POWERLOCK BOX A6 C	Ø6,5mm (4x)	4+PE	1
<b>POWERLOCK BOX A6, panel mount base with cover, Source with M12 threaded post</b>				
44420285	POWERLOCK BOX A6 CD	Ø6,5mm (4x)	4+PE	1

Photographs are not to scale and do not represent detailed images of the respective products.

Circular connectors

EPIC® POWERLOCK Contacts, tools, accessories

New

EPIC® POWERLOCK Crimp contacts



Info

- Crimp max. 660 A
- Do not plug with Screw type (400A)

Part number	Article designation	version	PU
<b>Drain - contact with M12 threaded post, for type POWERLOCK A1 C</b>			
44420260	POWERLOCK SP M12	Contact Drain, M12 Thread for cable lugs	1
<b>Source - contact with M12 threaded post for type POWERLOCK A6 C</b>			
44420261	POWERLOCK QP M12	Lamella contact source, M12 thread for cable lug	1
<b>Source - crimp contact for type POWERLOCK D6 C</b>			
44420291	POWERLOCK QCM 50	50mm <sup>2</sup>	1
44420292	POWERLOCK QCM 70	70mm <sup>2</sup>	1
44420236	POWERLOCK QCM 95	95mm <sup>2</sup>	1
44420238	POWERLOCK QCM 120	120mm <sup>2</sup>	1
44420257	POWERLOCK QCM 150	150mm <sup>2</sup>	1
44420239	POWERLOCK QCM 185	185mm <sup>2</sup>	1
44420240	POWERLOCK QCM 240	240mm <sup>2</sup>	1
<b>Drain - Crimp contact, for type POWERLOCK F6 C</b>			
44420294	POWERLOCK SCM 50	50mm <sup>2</sup>	1
44420295	POWERLOCK SCM 70	70mm <sup>2</sup>	1
44420231	POWERLOCK SCM 95	95mm <sup>2</sup>	1
44420233	POWERLOCK SCM 120	120mm <sup>2</sup>	1
44420256	POWERLOCK SCM 150	150mm <sup>2</sup>	1
44420234	POWERLOCK SCM 185	185mm <sup>2</sup>	1
44420235	POWERLOCK SCM 240	240mm <sup>2</sup>	1

Photographs are not to scale and do not represent detailed images of the respective products.

New

EPIC® POWERLOCK Tools



Part number	Part	Version	PU
<b>POWERLOCK DISCONNECTION TOOL</b>			
44420243	POWERLOCK DISCONNECTION TOOL	for mated connection	1

Photographs are not to scale and do not represent detailed images of the respective products.

New

EPIC® POWERLOCK Accessories



Part number	Part	For style	version	PU
<b>Dust caps</b>				
44420252	POWERLOCK PROTECTION CAP A1	for type A1	IP54	1
44420253	POWERLOCK PROTECTION CAP A6	for type A6	IP54	1
44420251	POWERLOCK PROTECTION CAP D6	for type D6	IP54	1
44420250	POWERLOCK PROTECTION CAP F6	for type F6	IP54	1
<b>Spare contact retention pin</b>				
44420259	POWERLOCK RETENTION PIN A1, A6	for type A1, A6		1
44420255	POWERLOCK RETENTION PIN D6	for type D6		1
44420254	POWERLOCK RETENTION PIN F6	for type F6		1

Photographs are not to scale and do not represent detailed images of the respective products.

**New**

**EPIC® POWERLOCK A1 S**



**New**

**EPIC® POWERLOCK A6 S**



**Info**

- Connector for unscreened single core energy cables

**Suitable contacts:**

- EPIC® POWERLOCK Screw Contacts
- Housing without contact, order contact separately

**Benefits**

- Resistant to mechanical influences in harsh environmental conditions
- Connectors in harmonized colours according to European standards
- Every colour different coded to prevent incorrect plugging
- USA Colour Code on request

**Application range**

- For Renewable Energy Plants e.g. Wind power
- For mobile and stationary power distribution
- For the connection of motors, transformers and generators
- Light & Sound technology

**Product features**

- Panel mount base, straight entry
- Contact fixing by contact retention pin, each pin can only be used once
- Housing without contact, order contact separately

**Technical data**

- Rated voltage in V**  
1000 V
- Rated impulse Voltage**  
8 kV
- Rated current in A**  
Screw max. 400 A
- Pollution degree**  
3
- Contacts**  
Screw termination: Brass, silver plated
- Number of contacts**  
1
- Termination methods**  
Screw termination: 50 - 120 mm<sup>2</sup>
- Material**  
Housing: PBT  
Contact retention pin: PA
- IP** **Degree of protection**  
IP 67 (maximal achievable, dependant on used cable gland)  
IP 20 (unmated)
- Cycle of mechanical operation**  
500
- Range of temperature**  
-25 °C - +125 °C

Part number	Part	Fastening type	Pin design	Pieces / PU
<b>Type POWERLOCK A1, panel mount base Drain for contact with M12 threaded post</b>				
44420272	POWERLOCK A1 PE/GN	Ø5,5mm (4x)	PE, Green	1
44420273	POWERLOCK A1 N/BL	Ø5,5mm (4x)	N, Blue	1
44420274	POWERLOCK A1 L1/BN	Ø5,5mm (4x)	L1, Brown	1
44420275	POWERLOCK A1 L2/BK	Ø5,5mm (4x)	L2, Black	1
44420276	POWERLOCK A1 L3/GY	Ø5,5mm (4x)	L3, Grey	1
<b>Type POWERLOCK A6, panel mount base Source for contact with M12 threaded post</b>				
44420277	POWERLOCK A6 PE/GN	Ø5,5mm (4x)	PE, Green	1
44420278	POWERLOCK A6 N/BL	Ø5,5mm (4x)	N, Blue	1
44420279	POWERLOCK A6 L1/BN	Ø5,5mm (4x)	L1, Brown	1
44420280	POWERLOCK A6 L2/BK	Ø5,5mm (4x)	L2, Black	1
44420281	POWERLOCK A6 L3/GY	Ø5,5mm (4x)	L3, Grey	1

Photographs are not to scale and do not represent detailed images of the respective products.

**New**

## EPIC® POWERLOCK D6 S



**New**

## EPIC® POWERLOCK F6 S



**Info**

- Connector for unscreened single core energy cables

**Suitable contacts:**

- EPIC® POWERLOCK Screw Contacts
- Housing without contact, order contact separately

**Benefits**

- Resistant to mechanical influences in harsh environmental conditions
- Connectors in harmonized colours according to European standards
- Every colour different coded to prevent incorrect plugging
- USA Colour Code on request

**Application range**

- For Renewable Energy Plants e.g. Wind power
- For mobile and stationary power distribution
- For the connection of motors, transformers and generators
- Light & Sound technology

**Product features**

- Connector straight with M40 thread
- Order SKINTOP® ST-M 40 or STR-M 40 separately
- Contact fixing by contact retention pin, each pin can only be used once
- Housing without contact, order contact separately

**Technical data**

**Rated voltage in V**  
1000 V

**Rated impulse Voltage**  
8 kV

**Rated current in A**  
Screw max. 400 A

**Pollution degree**  
3

**Contacts**  
Screw termination: Brass, silver plated

**Number of contacts**  
1

**Termination methods**  
Screw termination: 50 - 120 mm<sup>2</sup>



**Material**  
Housing: PBT  
Contact retention pin: PA



**Degree of protection**  
IP 67 (maximal achievable, dependant on used cable gland)  
IP 20 (unmated)

**Cycle of mechanical operation**  
500



**Range of temperature**  
-25 °C - +125 °C

Part number	Part	M	Pin design	Pieces / PU
<b>Type POWERLOCK D6, cable connector Source for screw contact</b>				
44420267	POWERLOCK D6 PE/GN	40	PE, Green	1
44420268	POWERLOCK D6 N/BL	40	N, Blue	1
44420269	POWERLOCK D6 L1/BN	40	L1, Brown	1
44420270	POWERLOCK D6 L2/BK	40	L2, Black	1
44420271	POWERLOCK D6 L3/GY	40	L3, Grey	1
<b>Type POWERLOCK F6, cable coupler Drain for screw contact</b>				
44420262	POWERLOCK F6 PE/GN	40	PE, Green	1
44420263	POWERLOCK F6 N/BL	40	N, Blue	1
44420264	POWERLOCK F6 L1/BN	40	L1, Brown	1
44420265	POWERLOCK F6 L2/BK	40	L2, Black	1
44420266	POWERLOCK F6 L3/GY	40	L3, Grey	1

Photographs are not to scale and do not represent detailed images of the respective products.

**Accessories**

- SKINTOP® ST-M

**EPIC® POWERLOCK BOX S**



**Info**

- Can be locked to prevent unauthorized disconnection

**Benefits**

- Guarantees the correct sequence of connecting and disconnecting a set of connectors (PE, N, L1, L2, L3)
- Every colour different coded to prevent incorrect plugging
- IP 20 finger protected
- Integrated micro switch that can be connected to circuit breaker or alarm circuit
- Connection with standard EPIC® POWERLOCK connectors

**Application range**

- Alternative energy installations
- For mobile and stationary power distribution
- For the connection of motors, transformers and generators
- Light & Sound technology

**Housings**

- Sealed Security lid optional

**Product features**

- Contacts with M12 threaded post included
- Cable connector for micro switch optional
- 19" chassis with height 2U

**Technical data**

**Rated voltage in V**  
1000 V

**Rated current in A**  
Screw max. 400 A

**Pollution degree**  
3

**Contacts**  
Screw termination: Brass, silver plated

**Number of contacts**  
4 + PE

**Termination methods**  
Screw termination: 50 - 120 mm<sup>2</sup>



**Degree of protection**  
IP 67

**Cycle of mechanical operation**  
500



**Range of temperature**  
-20 °C - +85 °C

Part number	Part	Fastening type	Pin design	PU
<b>POWERLOCK BOX A1, panel mount base Drain with M12 threaded post</b>				
44420282	POWERLOCK BOX A1 S	Ø6,5mm (4x)	4+PE	1
<b>POWERLOCK BOX A1, panel mount base with cover, Drain with M12 threaded post</b>				
44420283	POWERLOCK BOX A1 SD	Ø6,5mm (4x)	4+PE	1
<b>POWERLOCK BOX A6, panel mount base Source with M12 threaded post</b>				
44420286	POWERLOCK BOX A6 S	Ø6,5mm (4x)	4+PE	1
<b>POWERLOCK BOX A6, panel mount base with cover, Source with M12 threaded post</b>				
44420287	POWERLOCK BOX A6 SD	Ø6,5mm (4x)	4+PE	1

Photographs are not to scale and do not represent detailed images of the respective products.

Circular connectors

EPIC® POWERLOCK Contacts, tools, accessories

**New**

EPIC® POWERLOCK Screw contacts



**Info**

- Screw max. 400 A
- Do not plug with Crimp type (660A)

Part number	Article designation	Version	For style	PU
<b>Drain - contact with threaded post for type POWERLOCK A1 S</b>				
44420241	POWERLOCK SP M12	Contact Drain, M12 Thread for cable lugs	for type A1	1
<b>Source - contact with threaded post for type POWERLOCK A6 S</b>				
44420242	POWERLOCK QP M12	Lamella contact source, M12 thread for cable lug	for type A6	1
<b>Source - screw contact for type POWERLOCK D6 S</b>				
44420237	POWERLOCK QS 120	120mm <sup>2</sup>	for type D6	1
<b>Drain- Screw contact for type POWERLOCK F6 S</b>				
44420232	POWERLOCK SS 120	120mm <sup>2</sup>	for type F6	1

Photographs are not to scale and do not represent detailed images of the respective products.

**New**

EPIC® POWERLOCK Tools



Part number	Part	Version	PU
<b>POWERLOCK DISCONNECTION TOOL</b>			
44420243	POWERLOCK DISCONNECTION TOOL	for mated connection	1

Photographs are not to scale and do not represent detailed images of the respective products.

**New**

EPIC® POWERLOCK Accessories



Part number	Part	For style	Version	PU
<b>Dust caps</b>				
44420252	POWERLOCK PROTECTION CAP A1	for type A1	IP54	1
44420253	POWERLOCK PROTECTION CAP A6	for type A6	IP54	1
44420251	POWERLOCK PROTECTION CAP D6	for type D6	IP54	1
44420250	POWERLOCK PROTECTION CAP F6	for type F6	IP54	1
<b>Spare contact retention pin</b>				
44420259	POWERLOCK RETENTION PIN A1, A6	for type A1, A6		1
44420255	POWERLOCK RETENTION PIN D6	for type D6		1
44420254	POWERLOCK RETENTION PIN F6	for type F6		1

Photographs are not to scale and do not represent detailed images of the respective products.

**New**

## EPIC® SOLAR 4 Thin M pre-assembled



**Info**

- 4mm connector system with double hook
- Unresistant cable connection



**New**

## EPIC® SOLAR 4 THIN F pre-assembled



**Info**

- 4mm connector system with double hook
- Unresistant cable connection



### Benefits

- Unresistant cable connection for efficient power transmission
- Innovative, patented pending contact system, current leaves the connection cool
- High reliability and longevity by welded bonding
- Extra Thin 12mm for high density packing

### Application range

- Pre-assembled connector cables for weather proof cabling of Photovoltaic systems

### Product features

- 4mm connector system with double hook
- Pre-assembled with 100% automatic control
- Wide range of wire sizes from 1.5mm<sup>2</sup> up to 6mm<sup>2</sup>
- EPIC® SOLAR 4 THIN isn't compatible with EPIC® SOLAR
- UL pending

### Technical data

<b>Rated voltage in V</b>	1000 V AC/DC
<b>Rated impulse Voltage</b>	8 kV
<b>Pollution degree</b>	3
<b>Contact resistance</b>	< 0.2 mOhm
<b>IP</b> Degree of protection	IP68 (10h / 1m)
<b>Protection class</b>	II
<b>Cycle of mechanical operation</b>	100
<b>Range of temperature</b>	-40 °C up to +105 °C

Part number	Article designation	Cross-section in mm <sup>2</sup>	Rated current in A	Length in m	Copper index kg/km	Pieces / PU
<b>EPIC® SOLAR 4 THIN male with cable ÖLFLEX® SOLAR XLR</b>						
44428100	EPIC® SOLAR 4 THIN M XLR TF 1,5mm <sup>2</sup> 1m	1.5	17.0	1.0	14.4	100
44428101	EPIC® SOLAR 4 THIN M XLR TF 2.5mm <sup>2</sup> 1m	2.5	21.0	1.0	24.0	100
44428102	EPIC® SOLAR 4 THIN M XLR TF 4mm <sup>2</sup> 1m	4	25.0	1.0	38.4	100
44428103	EPIC® SOLAR 4 THIN M XLR 6mm <sup>2</sup> 1m	6	30.0	1.0	57.6	100
<b>EPIC® SOLAR 4 THIN male with cable ÖLFLEX® SOLAR XL multi</b>						
44428108	EPIC® SOLAR 4 THIN M XL multi 2.5mm <sup>2</sup> 1m	2.5	21.0	1.0	24.0	100
44428109	EPIC® SOLAR 4 THIN M XL multi 4mm <sup>2</sup> 1m	4	25.0	1.0	38.4	100
44428110	EPIC® SOLAR 4 THIN M XL multi 6mm <sup>2</sup> 1m	6	30.0	1.0	57.6	100
<b>EPIC® SOLAR 4 THIN female with cable ÖLFLEX® SOLAR XLR</b>						
44428104	EPIC® SOLAR 4 THIN F XLR TF 1,5mm <sup>2</sup> 1m	1.5	17.0	1.0	14.4	100
44428105	EPIC® SOLAR 4 THIN F XLR TF 2.5mm <sup>2</sup> 1m	2.5	21.0	1.0	24.0	100
44428106	EPIC® SOLAR 4 THIN F XLR TF 4mm <sup>2</sup> 1m	4	25.0	1.0	38.4	100
44428107	EPIC® SOLAR 4 THIN F XLR 6mm <sup>2</sup> 1m	6	30.0	1.0	57.6	100
<b>EPIC® SOLAR 4 THIN female with cable ÖLFLEX® SOLAR XL multi</b>						
44428111	EPIC® SOLAR 4 THIN F XL multi 2.5mm <sup>2</sup> 1m	2.5	21.0	1.0	24.0	100
44428112	EPIC® SOLAR 4 THIN F XL multi 4mm <sup>2</sup> 1m	4	25.0	1.0	38.4	100
44428113	EPIC® SOLAR 4 THIN F XL multi 6mm <sup>2</sup> 1m	6	30.0	1.0	57.6	100

Copper price basis: EUR 150 / 100 kg; For utilization and definition of 'Metal price basis' and 'Metal index' see Appendix T17  
Other lengths and cable end versions on request.

Photographs are not to scale and do not represent detailed images of the respective products.

## EPIC® SOLAR Module Box



## EPIC® SOLAR Module Box with cables



### Benefits

- Junction boxes for weather proof cabling of Photovoltaic systems

### Application range

- The Module Box is used to glue on the backside of the solar modules. The ribbon bands are terminated in the Module Box
- For further cabling the pre-assembled solar cables, like EPIC® SOLAR 4 THIN are terminated at the Module Box

### Product features

#### EPIC® SOLAR Module Box

- Rugged junction boxes for cabling of the solar modules with solar cables, like ÖLFLEX® SOLAR
- Dimensions (WxHxD): 118 x 28,5 x 109 mm
- Housing material: PPO/PPS
- UL: in preparation

#### EPIC® SOLAR Module Box with cables

- These junction boxes are available with pre-assembled cables EPIC® SOLAR 4 THIN in different cross sections
- Dimensions (WxHxD): 118 x 28,5 x 109 mm
- Cable length: 1m
- UL: in preparation

### Technical data

**Rated voltage in V**  
1000 V AC/DC

**Rated current in A**  
8 A

**Contact resistance**  
< 5 mOhm

**Contacts**  
Copper alloy, tin plated

**Number of contacts**  
2

**Termination methods**  
Terminal clamp for ribbon bands: up to 7mm wide (folded 10mm)  
Plug-in connection for solar cables with multi-lam plug Ø 3mm

**Degree of protection**  
IP 65

**Protection class**  
II

**Range of temperature**  
-40 °C ... +85 °C

**Cable clamping range**  
**EPIC® SOLAR Module Box**  
Ø 3,7 mm - 7,1 mm

Part number	Article designation	Connection type	Cross-section in mm²	Cable clamping range mm	Length in m	Pieces / PU
<b>EPIC® SOLAR Modul Box</b>						
44428043	EPIC® SOLAR ST200 3D	assembled with 3 Bypass-diodes	max. 6	3.7 - 7.1		100
44428044	EPIC® SOLAR ST200 6D	assembled with 6 Bypass-diodes	max. 6	3.7 - 7.1		100
<b>EPIC® SOLAR Modul Box with cable and plug EPIC® SOLAR 4 THIN</b>						
44428062	EPIC® SOLAR ST200 4 THIN XLR TF 4mm² 1m	pre-assembled with solar cables	4		1.0	100
44428063	EPIC® SOLAR ST200 4 THIN XLR 6mm² 1m	pre-assembled with solar cables	6		1.0	100

Other construction designs/lengths on request  
Photographs are not to scale and do not represent detailed images of the respective products.

#### For the use of our products is valid

The conformity of our products with the relevant European directives and compliance with the provisions contained therein shall be indicated by the CE marking.

The safety of our products is closely associated with how they are used. A knowledge of and adherence to the respective international/national standards of use (e.g. DIN VDE 0100; 0298) are mandatory.

There are particular risks if installed improperly. This applies to all our products/items:

**Processing is only to be done by an authorized electrician! Otherwise, there is the risk of an electric shock or a fire ignited by electric current!**

#### Safety

Without exception our products are tested for application safety in accordance with laid down standards and our own regulations, which complement the standards. Relevant legal requirements and safety regulations are also observed. Provided due care and attention is paid, the possibility of product-specific danger to the user may thus reasonably be excluded. Where products are used carelessly or incorrectly, however, consi-

derable danger to persons and the environment may arise. For this reason, our cables must only be processed and /or used responsibly by trained electricians or specialists. This catalogue contains general information for the application of each product. Independent of such information, the application standards DIN VDE 0298 and DIN VDE 001 for cables will apply. Excerpts from these standards, as well as complementary selection

and application tables, design and installation guidelines, are contained in the tables in the appendix to our Main Catalogue 2010/11. Our machines and installation tools are – where necessary – designed in accordance with the machine guidelines and display the CE identification mark. It must be noted, however, that our machines and installation tools must only be used by trained specialized personnel and for the purpose for

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# HITRONIC®

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