

TECHNICAL PARAMETERS

Inserts:	
Number of Contacts	6, 10, 16 and 24
Rated voltage (V)	IEC: 500 V, UL: 600 V
Rated current (A)	IEC: 16 A, UL: 16 A
Impulse Voltage Test	6 KV
Flammability acc. to UL94	V0
Material	Glassfield Reinforce Plastic
No. of. Cycle of mechanical operation	500
Pollution degree	3
Contacts:	
Material	Copper Alloy
Surface	Hard Silver Plated
Contact resistance	≤ 1mΩ
Screw Terminal	0.5-2.5 mm ²
Tightening Torque	0.5 Nm
Stripping Length	7.0 mm
Standard references/approvals	• DIN EN 60 664 • DIN EN 61 984 • UL Approved with File no : E490507
Hood / Housing:	
Material	Die-Cast Aluminium
Surface	Powder Coated RAL 7037
Locking Element	Zinc plated / Corrosion Resistant Stainless Steel
Temperature range	-400C to + 1250C
Degree of Protection:	
For Coupled Connector	IP65

NOTE: For Product Information sheet, call Customer Care No. 080-47405222 or our nearest sales office.

EPIC® SMART
Industrial Connectors



Lapp India Private Limited

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Customer Care No.: 080-47405222

Buy Online: www.thelappstore.com



LAPP GROUP



Reliably connecting the world

Headquartered in Stuttgart, Germany, the Lapp Group is a leading supplier of integrated solutions and branded products in the field of cable and connection technology. The Group's portfolio includes standard and highly flexible cables, industrial connectors, customized system solutions, automation technology and robotics solutions for the intelligent factory of the future, as well as technical accessories.

As a manufacturer with our expertise in the development, design and manufacture of cables, system products and cable accessories, we can guarantee that Lapp will provide you with the quality that you require and demand for.

You can always rely on quality from Lapp - wherever you are in the world.

LAPP INDIA



Reliably connecting India

Lapp India is a 100% subsidiary of the Lapp Group. Having started its operations in 1996, Lapp India provides about 150,000 km per year of power, control, instrumentation and data cables along with connectors, accessories and EndtoEnd Systems to over 5000 customers pan India. Our customers are spread across different industry segments such as automation, textile, automotive, machine tools, oil and gas, renewable energy, process industries, as well as in the infrastructure and building sectors.

- 23 Sales offices close to customers all over India & 5 service points
- 300 employees committed to best serve customers
- Strong network of 150 dealers
- 2 manufacturing units - Bangalore and Bhopal
- 5 Warehouses
- State of the art laboratory
- Fully fledged Innovation and Engineering Centre

OUR BRANDS



EPIC® SMART INDUSTRIAL CONNECTOR SOLUTION

EPIC® industrial connectors have successfully been in use around the globe in the most diverse applications for many years. EPIC® connectors are particularly valuable in situations where maximum safety and reliability are paramount. EPIC® rectangular connectors are available as individual components or as kits.

Under EPIC® range, we have now added the EPIC® SMART - the cost effective-high performance industrial rectangular connectors. These industrial connectors are designed and manufactured in Asia for the Asian customers. The newly launched connectors are for power and control applications. They are suitable for rated current up to 16A & Voltage: 500 Volts tested as per DIN IEC 60512-5 & with UL approval.

The EPIC® SMART is currently available in 6, 10, 16 & 24 contacts with screw termination male & female inserts, panel mount base, side entry cable hood, single and double lever locking system. With this new range of connectors, users can have the advantage of a superior price/performance ratio and the flexibility of a wide range of solutions to meet their requirements in terms of housing, inserts and contacts combinations.

APPLICATION AREAS

- Machine tool industries
- Automotive and material handling systems
- Measurement, testing and control engineering
- Industrial machinery and appliances
- Drive systems and industrial automation
- Textile

EPIC® SMART

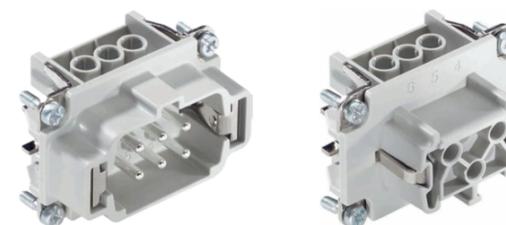
EPIC® SMART RECTANGULAR CONNECTOR HOUSING

Apart from the products' quality and reliability, Lapp offers its customers the option to be able to define the cable entry of the housing to meet individual specifications.



EPIC® SMART RECTANGULAR CONNECTOR INSERTS

Fixed pin inserts are safe and simple to handle. Thus, making it suitable for plenty of industrial applications.



Benefits

- Standard inserts with screw termination for easy assembly
- The EPIC® Smart series is suitable for applications that require a reliable connection when working with standard voltage and current
- Housing design with Industry standard having single and double lever locking system
- Cost effective solution for basic industrial power and control connectivity
- Precise mating cycles for 500 operations

Product features

- Fully compatible with market standards
- For the conductor cross-section 0.5 to 2.5 MM²
- Current Rating IEC : 16A
- Supply Voltage IEC 500 V
- For 500 cycles of mechanical operation

Standard references/approvals

- DIN EN 60 664
- DIN EN 61 984
- UL Approved with File no : E490507

Structure

- Inserts made of glassfield reinforced plastic with pin configuration 6, 10, 16 and 24
- Contact made of copper alloy and surface with silver (Contact Resistance $\leq 1\text{ m}\Omega$)
- Housing made of Die-Cast aluminium and surface Powder Coated RAL 7037 with Side cable entry (PG21) and panel mount base
- Max. cable diameter: 18mm