



**Info**

- Connector for unscreened single-core power cables

**EPIC® POWERLOCK A1 C**



**EPIC® POWERLOCK A6 C**



**Suitable contacts:**

- EPIC® POWERLOCK Crimp contacts Page 640
- Housing without contact, order contact separately

**Benefits**

- Resistant to mechanical influences in harsh environmental conditions
- Connectors in harmonised colours according to European standards
- Every colour has a different coding to prevent incorrect plugging

**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 (V)**  
1000 V
- Rated impulse voltage**  
8 kV
- Rated current (A)**  
Max. crimp 660 A
- Degree of soiling**  
3
- Contacts**  
Crimp termination: copper, silver-plated
- Number of contacts**  
1
- Termination methods**  
Crimp termination: 35 - 240 mm<sup>2</sup>
- Material**  
Housing: PBT  
Contact retention pin: PA
- IP** **Protection rating**  
IP 67 (maximum, dependant on cable gland used)  
IP 20 (unmated)
- Cycle of mechanical operation**  
500
- Temperature range**  
-25°C - +125°C
- DIN VDE** **VDE-tested**  
VDE Reg. No. D42

Article number	Article	Fastening type	Pin configuration	Pieces / PU
<b>Type POWERLOCK A1, panel-mount box, drain for contact with M 12 threaded post</b>				
44420221	POWERLOCK A1 PE/GN	Ø 5.5 mm (4x)	PE, Green	1
44420222	POWERLOCK A1 N/BL	Ø 5.5 mm (4x)	N, Blue	1
44420223	POWERLOCK A1 L1/BN	Ø 5.5 mm (4x)	L1, Brown	1
44420224	POWERLOCK A1 L2/BK	Ø 5.5 mm (4x)	L2, Black	1
44420225	POWERLOCK A1 L3/GY	Ø 5.5 mm (4x)	L3, Grey	1
<b>L1/red for direct current applications in conjunction with L2/black</b>				
44420316	POWERLOCK A1 L1/RD	Ø 5.5 mm (4x)	L1, Red	1
<b>Type POWERLOCK A6, panel-mount box, source for contact with M 12 threaded post</b>				
44420226	POWERLOCK A6 PE/GN	Ø 5.5 mm (4x)	PE, Green	1
44420227	POWERLOCK A6 N/BL	Ø 5.5 mm (4x)	N, Blue	1
44420228	POWERLOCK A6 L1/BN	Ø 5.5 mm (4x)	L1, Brown	1
44420229	POWERLOCK A6 L2/BK	Ø 5.5 mm (4x)	L2, Black	1
44420230	POWERLOCK A6 L3/GY	Ø 5.5 mm (4x)	L3, Grey	1
<b>L1/red for direct current applications in conjunction with L2/black</b>				
44420317	POWERLOCK A6 L1/RD	Ø 5.5 mm (4x)	L1, Red	1

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