

## EPIC® POWERLOCK A1 C

Single-pin circular connector for mobile power distribution, electric motors and generators

EPIC® POWERLOCK panel-mount base drain 660A for screw connection up to 240mm<sup>2</sup>



EAC



Waterproof



Reliability



Robust



Optimum strain relief



Wide clamping range

### 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 plants

For mobile and stationary power distribution

For the connection of motors, transformers and generators

Event equipment

Last Update (02.05.2017)

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Product Management [www.lappkabel.de](http://www.lappkabel.de)

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02\_03.16

## EPIC® POWERLOCK A1 C

### Product features

Panel-mount base, straight, flat seal included  
Contact attachment through contact retention pin; each pin can only be used once  
Housing without contact, order contact separately

### Technical Data

Classification:	ETIM 5.0 Class-ID: EC000437 ETIM 5.0 Class-Description: Housing for industrial connectors
Rated voltage (V):	1000 V
Rated impulse voltage:	8 kV
Rated current in A:	Max. crimp 660 A
Pollution degree:	3
Contacts:	Crimp termination: Copper, silver-plated
Number of contacts:	1
Cable connection:	Crimp termination: 35 – 240 mm <sup>2</sup>
Material:	Housing: PBT Contact retention pin: PA
Protection rating:	IP 67 (maximum, dependant on cable gland used) IP 20 (unplugged)
Plug cycles:	500
VDE-tested:	VDE reg. no. D42
Temperature range:	-25°C to +125°C

### Note

Photographs are not to scale and do not represent detailed images of the respective products.  
Prices are net prices without VAT and surcharges. Sale to business customers only.



**EPIC® POWERLOCK A1 C**

Article number	Article description	Fastening type	Pin configuration
Type POWERLOCK A1, panel-mount box, drain for contact with M12 threaded post			
44420221	POWERLOCK A1 PE/GN	Ø 5.5 mm (4x)	PE, Green
44420222	POWERLOCK A1 N/BL	Ø 5.5 mm (4x)	N, Blue
44420223	POWERLOCK A1 L1/BN	Ø 5.5 mm (4x)	L1, Brown
44420224	POWERLOCK A1 L2/BK	Ø 5.5 mm (4x)	L2, Black
44420225	POWERLOCK A1 L3/GY	Ø 5.5 mm (4x)	L3, Grey
L1/red for direct current applications in conjunction with L2/black			
44420316	POWERLOCK A1 L1/RD	Ø 5.5 mm (4x)	L1, Red

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