

EPIC® POWERLOCK A1 S

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

EPIC® POWERLOCK panel-mount base drain 400A for screw connection up to 120mm²



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

EPIC® POWERLOCK A1 S

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:	Screw max. 400 A
Pollution degree:	3
Contacts:	Screw connection: Silver-plated brass
Number of contacts:	1
Cable connection:	Screw connection: 50 – 120 mm ²
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.

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Article number	Article description	Fastening type	Pin configuration
Type POWERLOCK A1, panel-mount box, drain for contact with M12 threaded post			
44420272	POWERLOCK A1 PE/GN	Ø 5.5 mm (4x)	PE, Green
44420273	POWERLOCK A1 N/BL	Ø 5.5 mm (4x)	N, Blue
44420274	POWERLOCK A1 L1/BN	Ø 5.5 mm (4x)	L1, Brown
44420275	POWERLOCK A1 L2/BK	Ø 5.5 mm (4x)	L2, Black
44420276	POWERLOCK A1 L3/GY	Ø 5.5 mm (4x)	L3, Grey
L1/red for direct current applications in conjunction with L2/black			
44420320	POWERLOCK A1 L1/RD	Ø 5.5 mm (4x)	L1, Red

Last Update (11.05.2017)

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Product Management www.lappkabel.de

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

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