

EPIC® POWERLOCK A1 S

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

EPIC®POWERLOCK Panel 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
 For mobile and stationary power distribution
 For the connection of motors, transformers and generators
 Light & sound technology

Product features

Panel-mount base, straight entry, flat gasket included
 Contact fixing by contact retention pin, each pin can only be used once
 Housing without contact, order contact separately

Last Update (03.08.2019)

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Product Management www.lappkabel.de

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

PN 0456 / 02_03.16

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Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC000437 ETIM 5.0 Class-Description: Housing for industrial connectors
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000437 ETIM 6.0 Class-Description: Housing for industrial connectors
Rated voltage (V):	1000 V
Rated impulse voltage:	8 kV
Rated current (A):	Screw max. 400 A
Pollution degree:	3
Contacts:	Screw termination: silver-plated brass
Number of contacts:	1
Termination methods:	Screw termination: 50 - 120 mm ²
Material:	Housing: PBT Contact retention pin: PA
Protection rating:	IP 67 (maximum, dependant on cable gland used) IP 20 (unmated)
Cycle of mechanical operation:	500
VDE-tested:	VDE Reg. No. D42
Temperature range:	-25°C up to +125°C

Note

Photographs and graphics 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	Pieces / PU
44420272	POWERLOCK A1 PE/GN	Ø 5.5 mm (4x)	PE, Green	1
44420273	POWERLOCK A1 N/BL	Ø 5.5 mm (4x)	N, Blue	1
44420274	POWERLOCK A1 L1/BN	Ø 5.5 mm (4x)	L1, Brown	1
44420275	POWERLOCK A1 L2/BK	Ø 5.5 mm (4x)	L2, Black	1
44420276	POWERLOCK A1 L3/GY	Ø 5.5 mm (4x)	L3, Grey	1
For direct current applications in conjunction with L2/black				
44420320	POWERLOCK A1 L1/RD	Ø 5.5 mm (4x)	L1, Red	1

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