

EPIC® POWERLOCK A1 C

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

EPIC®POWERLOCK Panel base drain 660A for crimp connection up to 240mm²



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 (17.05.2019)

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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): | Max. crimp 660 A |
| Pollution degree: | 3 |
| Contacts: | Crimp termination: copper, silver-plated |
| Number of contacts: | 1 |
| Termination methods: | Crimp termination: 35 - 240 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 | PL_BEZEICHNUNGARTIKEL | Fastening type | Pin configuration |
|--|-----------------------|----------------|-------------------|
| 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 |
| 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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