

EPIC® POWERLOCK F6 C

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

EPIC®POWERLOCK cable coupler drain 660A for crimp connection up to 240mm²

Info

Connector for unshielded single-core power cables

Made in Europe



Wide clamping range



Optimum strain relief



Robust



Reliability



Waterproof

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

Last Update (11.12.2022)

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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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Product features

Straight connector with M40 thread
Order SKINTOP® ST-M 40 or STR-M 40 separately
Contact fixing by contact retention pin, each pin can only be used once
Housing without contact, order contact separately

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 | Article description | M | Pin configuration | Pieces / PU |
|--|---------------------|----|-------------------|-------------|
| 44420211 | POWERLOCK F6 PE/GN | 40 | PE, Green | 1 |
| 44420212 | POWERLOCK F6 N/BL | 40 | N, Blue | 1 |
| 44420213 | POWERLOCK F6 L1/BN | 40 | L1, Brown | 1 |
| 44420214 | POWERLOCK F6 L2/BK | 40 | L2, Black | 1 |
| 44420215 | POWERLOCK F6 L3/GY | 40 | L3, Grey | 1 |
| For direct current applications in conjunction with L2/black | | | | |
| 44420318 | POWERLOCK F6 L1/RD | 40 | L1, Red | 1 |

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