

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

EPIC®POWERLOCK cable coupler drain 400A for screw connection up to 120mm²

Info

Connector for unscreened single-core power cables







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

Last Update (18.12.2024)
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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



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): Screw max. 400 A

Pollution degree:

Contacts: Screw termination: silver-plated brass

Number of contacts: 1

Termination methods: Screw termination: 50 - 120 mm²

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

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М Pin configuration Article number Article description Cable coupler F6, drain PE, Green 44420262 POWERLOCK F6 PE/GN 40 40 N, Blue 44420263 POWERLOCK F6 N/BL 44420264 POWERLOCK F6 L1/BN 40 L1, Brown 44420265 POWERLOCK F6 L2/BK 40 L2, Black POWERLOCK F6 L3/GY 44420266 40 L3, Grey For direct current applications in conjunction with L2/black POWERLOCK F6 L1/RD 40 L1, Red 44420301







