EPIC® POWER M12K Screw termination

Circular connectors for servomotors and power supply

This compact M12 connector with PE contact comes into play if you want more power. It is used to supply power to three-phase motors (630 V, 12 A per contact). The K-coding prevents incorrect plugging with other connectors.

Low weight

Space requirement

Waterproof

Benefits

The service-friendly screw connection makes assembly possible without a special tool, and is suitable for connections which need to be detached again.
Available in different designs.
High stability thanks to impact-resistant polyamide.
Powerful up to 12 A despite extremely space-saving size for the tightest of spaces.
Mechanical K-coding of the mating face prevents mismating with mating connector.

Application range

Good oil and chemical resistance.
For connecting three-phase motors with up to 7.5 kW.
For power supply connection of devices and machines in various applications.

Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC002635 ETIM 5.0 Class-Description: Circular connector (industrial connector)
Classification ETIM 6:	ETIM 6.0 Class-ID: EC002635 ETIM 6.0 Class-Description: Circular connector (industrial connector)
Rated voltage (V):	630 V
Rated impulse voltage:	6 kV
Rated current (A):	12 A

Last Update (11.10.2025)
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You can find the current technical data in the corresponding data sheet.
PN 0456 / 02_03.16

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Pollution degree:	3
Number of contacts:	4 + PE
Termination methods:	Screw termination: 0.5 - 2.5 mm²
Protection rating:	IP 67
Cycle of mechanical operation:	100
Temperature range:	-25 °C ... +85 °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	Version	Version	Contacts included	Surface	Fastening type	Pin configuration
381166314	Socket	female	5	Au	M12	4+PE
381166315	Socket	male	5	Au	-	4+PE
381166312	angled	female	5	Au	-	4+PE
381166311	angled	male	5	Au	-	4+PE

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