# EPIC® POWER M12S 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 S-coding prevents incorrect plugging with other connectors.

Low weight

Space requirement

Waterproof

## Benefits

High stability thanks to impact-resistant polyamide.
Powerful up to 12 A despite extremely space-saving size for the tightest of spaces.
The mechanical S-coding of the connector face prevents incorrect plugging with mating connectors.
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 and with different pole configurations.

## Application range

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

## Technical Data

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

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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: | 3 + PE<br>S-coded |
| 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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PRODUCT INFORMATION

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| Article number | Article description | Version | Version | Contacts included | Fastening type |
|---|---|---|---|---|---|
| 381166306 | Straight female | Socket | female | 4 | M12 |
| 381166307 | Straight female | Socket straight | female | 4 | M12 |
| 381166309 | Straight male | Connector straight | male | 4 | M12 |
| 381166310 | Straight male | Connector straight | male | 4 | M12 |

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