

## Cable connector - M23-5EP198A8LDLS - 1628852

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Cable connector, M23 PRO, straight long, shielded: yes, ONECLICK fast locking system, M23, No. of pos.: 5+PE, type of contact: Pin, Crimp connection, cable diameter range: 7.5 mm ... 17 mm

### Your advantages

- ✓ Solutions with cross-manufacturer compatibility for standard and fast locking systems
- ✓ ONECLICK fast locking system with an optically, haptically, and acoustically clear locking position
- ✓ Reliable under the harshest conditions: cable connectors with vibration brake
- ✓ Modern, consistent design for highly convenient operation
- ✓ Easy, cost-effective cable assembly: uniform shielding of M17 to M40

### Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4055626619040
Weight per Piece (excluding packing)	147.200 g
Custom tariff number	85366990
Country of origin	Germany
Note	Made to Order (non-returnable)

### Technical data

#### Temperature range

Ambient temperature (operation)	-40 °C ... 125 °C
---------------------------------	-------------------

#### Data of the insulating body

Note	Order information: Order crimp contacts 6 x Ø 2 mm separately
Insulator material	PA 6.6
Contact connection method	Crimp connection
Type of contacts	Pin
Application	Power

## Cable connector - M23-5EP198A8LDLS - 1628852

### Technical data

#### Data of the insulating body

Number of positions	6
Contact diameter of power contacts	2 mm
Litz wire cross section of power contacts min.	0.25 mm <sup>2</sup>
Litz wire cross section of power contacts max.	4 mm <sup>2</sup>
Rated current for power contacts	30 A
Additional text	for max. connection cross section
Rated voltage of power contact	630 V
Rated surge voltage	6 kV
Overvoltage category	III
Degree of pollution	3
Installation height	2000 m

#### Housing data

Housing material	GD-Zn
Type of locking	ONECLICK fast locking system
Degree of protection (when plugged in)	IP66 / IP68 (2m / 24h) / IP69K
Thread type	M23

#### Cable seal data

Cable diameter	7.5 mm ... 17 mm (Universal gasket)
Sealing material	FKM

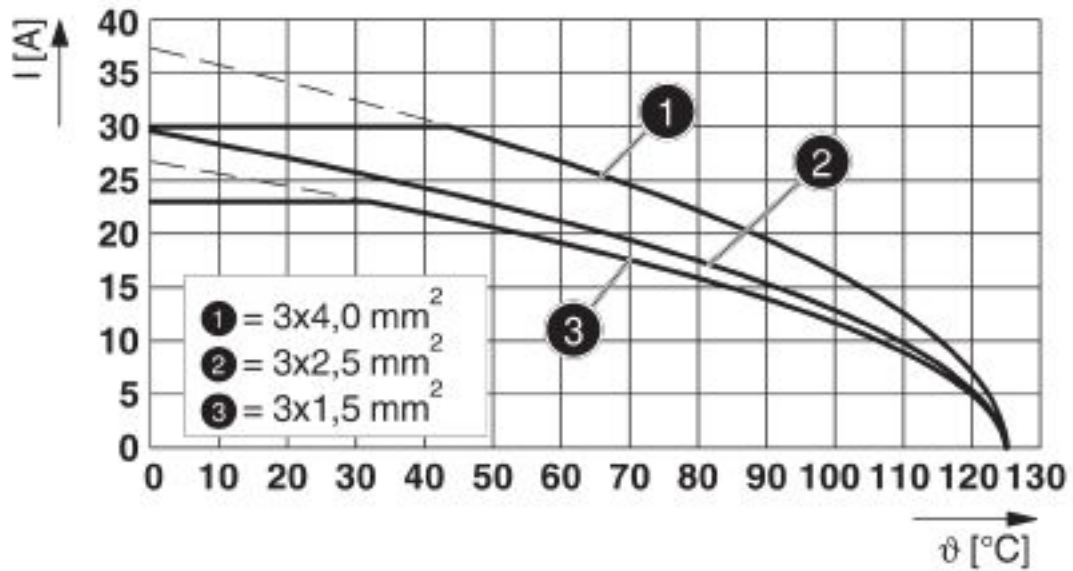
#### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

### Drawings

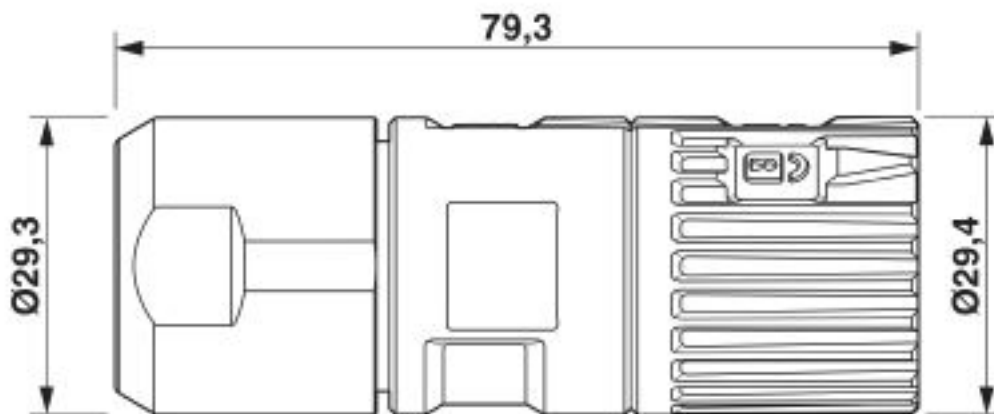
# Cable connector - M23-5EP198A8LDLS - 1628852

Diagram



I = current strength, T = ambient temperature

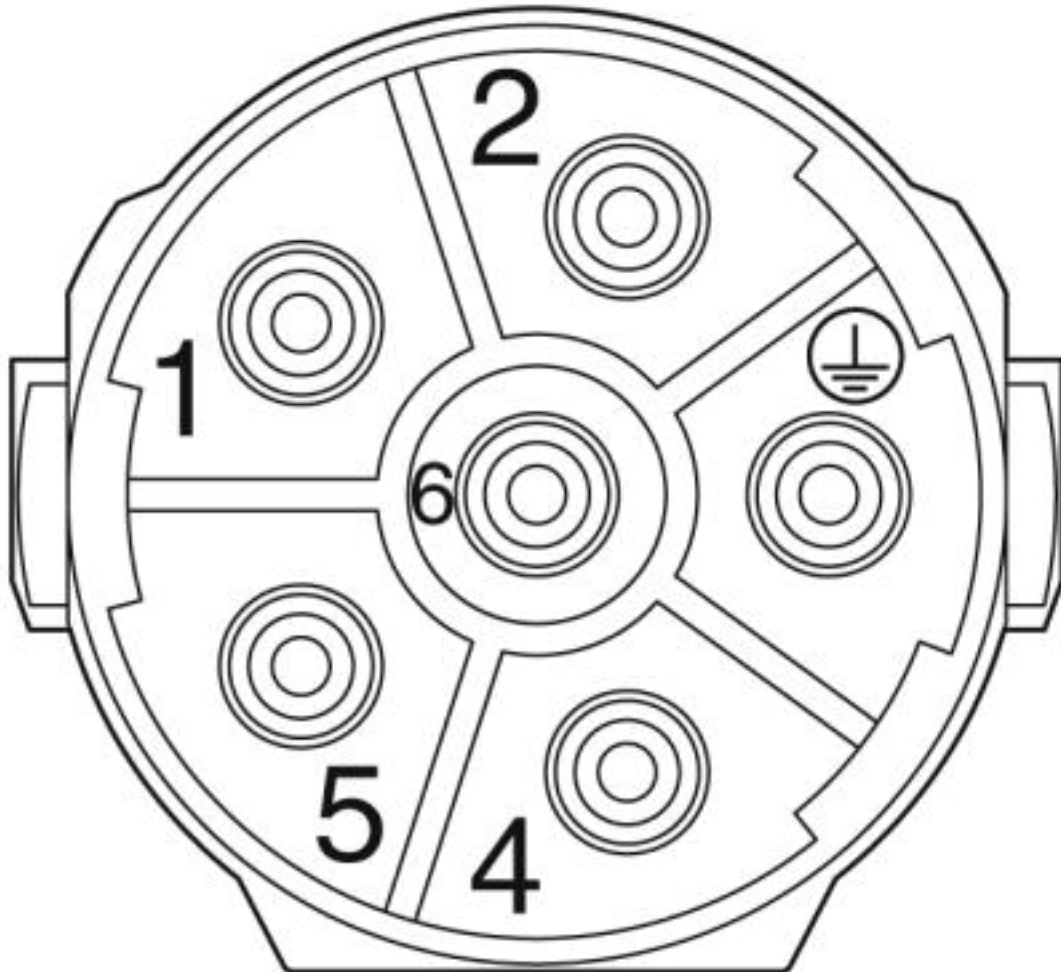
Dimensional drawing



Technical drawings can be found under Downloads

# Cable connector - M23-5EP198A8LDLS - 1628852

Schematic diagram



## Classifications

eCl@ss

eCl@ss 8.0	27440102
eCl@ss 9.0	27440103

ETIM

ETIM 5.0	EC002635
ETIM 6.0	EC002061

## Accessories

Accessories

Crimp contact

## Cable connector - M23-5EP198A8LDLS - 1628852

### Accessories

Crimp contact - SF-20KP011 - 1050147



Crimp contact, turned, contact diameter: 2 mm, crimp range: 0.25 mm<sup>2</sup> ... 1 mm<sup>2</sup>

---

Crimp contact - SF-20KP012 - 1050205



Crimp contact, turned, contact diameter: 2 mm, crimp range: 1.5 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>

---

Crimp contact - SF-20KP013 - 1050210



Crimp contact, turned, contact diameter: 2 mm, crimp range: 2.5 mm<sup>2</sup> ... 4 mm<sup>2</sup>

---

### Mounting material

Torque screwdriver - SF-Z0028 - 1607456



Torque screwdriver

---

Hook wrench - SF-Z0027 - 1607455



Hook wrench

---