

Cable connector - M23-5ES198A80DNS - 1628815

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 short, shielded: yes, ONECLICK fast locking system, M23, No. of pos.: 5+PE, type of contact: Socket, Crimp connection, cable diameter range: 5.5 mm ... 15 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	 4 055626 617510
GTIN	4055626617510

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	Socket
Application	Power
Number of positions	6
Contact diameter of power contacts	2 mm
Litz wire cross section of power contacts min.	0.25 mm ²
Litz wire cross section of power contacts max.	4 mm ²

Cable connector - M23-5ES198A80DNS - 1628815

Technical data

Data of the insulating body

Rated current of each power contact at 25°C	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

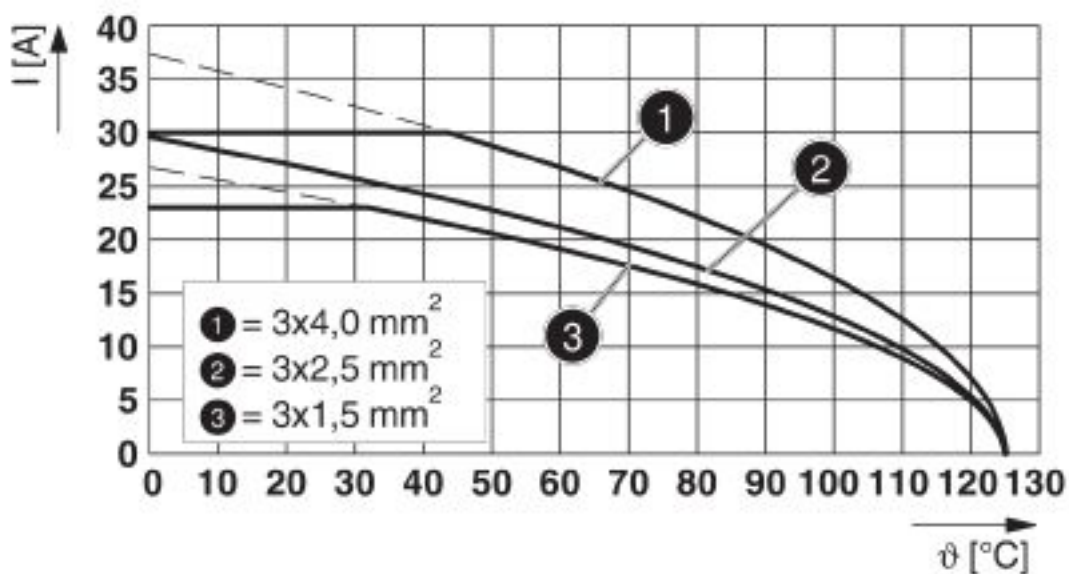
Cable diameter	5.5 mm ... 15 mm (Universal gasket)
Sealing material	FKM

Environmental Product Compliance

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

Drawings

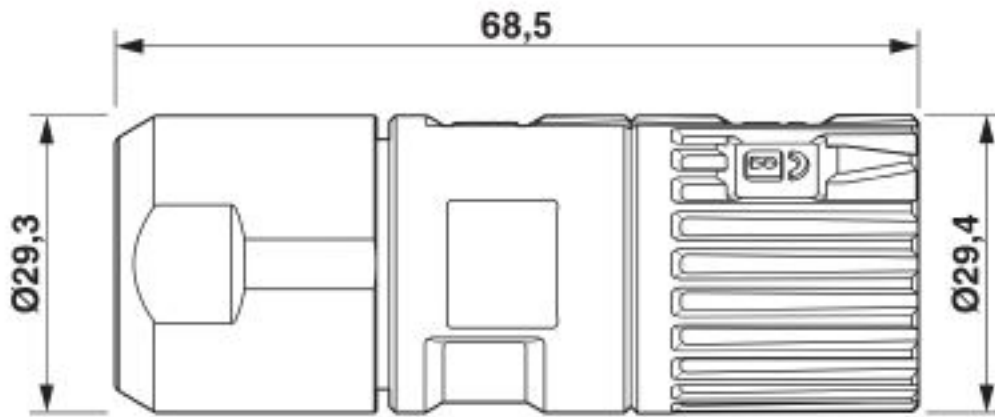
Diagram



I = current strength, T = ambient temperature

Cable connector - M23-5ES198A80DNS - 1628815

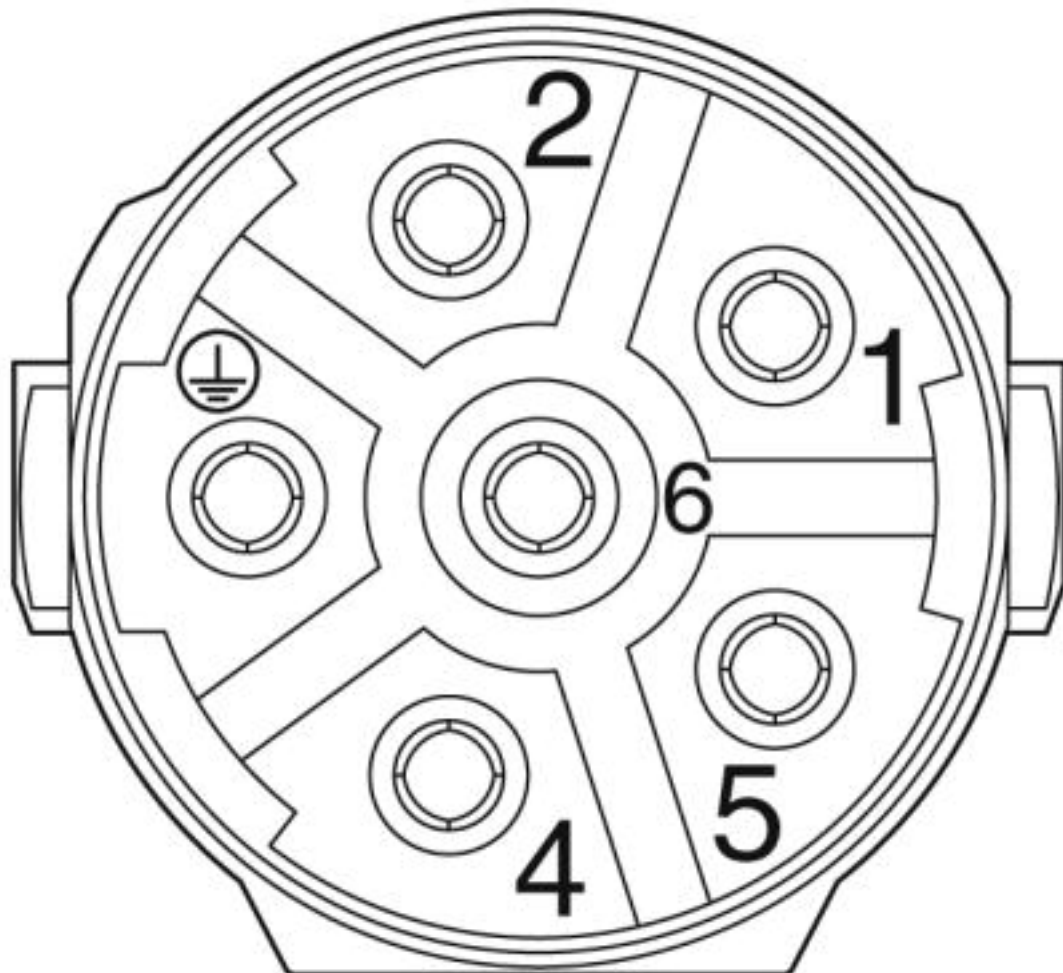
Dimensional drawing



Technical drawings can be found under Downloads

Cable connector - M23-5ES198A80DNS - 1628815

Schematic diagram



Phoenix Contact 2019 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>