

Cable connector - M23-5ES198A8LDLS - 1628796

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, straight long, shielded: yes, ONECLICK fast locking system, M23, No. of pos.: 5+PE, type of contact: Socket, Crimp, 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	 4 055626 618845
GTIN	4055626618845
Weight per Piece (excluding packing)	140.300 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
Type of contacts	Socket
Application	Power

Cable connector - M23-5ES198A8LDLS - 1628796

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 ²
Litz wire cross section of power contacts max.	4 mm ²
Nominal current per power contact at 25°C	30 A
Nominal voltage, 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
Thread type	M23

Cable seal data

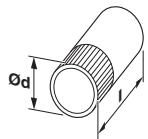
Cable diameter	7.5 mm ... 17 mm (Universal gasket)
Sealing material	FKM

Environmental Product Compliance

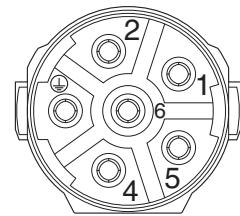
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Dimensional drawing



Schematic diagram



Technical drawings can be found under Downloads

Classifications

eCl@ss

eCl@ss 8.0	27440102
eCl@ss 9.0	27440103

ETIM

ETIM 5.0	EC002635
----------	----------

Cable connector - M23-5ES198A8LDLS - 1628796

Classifications

ETIM

ETIM 6.0	EC002061
----------	----------

Accessories

Accessories

Crimp contact

Crimp contact - SF-20KS021 - 1621576



Crimp contact, turned, contact diameter: 2 mm, crimp range: 0.25 mm² ... 1 mm²

Crimp contact - SF-20KS022 - 1621577



Crimp contact, turned, contact diameter: 2 mm, crimp range: 1.5 mm² ... 2.5 mm²

Crimp contact - SF-20KS023 - 1621578



Crimp contact, turned, contact diameter: 2 mm, crimp range: 2.5 mm² ... 4 mm²

Mounting material

Torque screwdriver - SF-Z0028 - 1607456



Torque screwdriver

Cable connector - M23-5ES198A8LDLS - 1628796

Accessories

Hook wrench - SF-Z0027 - 1607455



Hook wrench