PHŒNIX CONTACT

Cable connector - M23-7ES198A8LDL - 1628801

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Cable connector, straight long, shielded: yes, Screw locking, M23, No. of pos.: 4+3+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

☑ 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

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	4 055626 618890
GTIN	4055626618890
Weight per Piece (excluding packing)	143.370 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 4 x Ø 1 mm, 4 x Ø 2 mm separately
Insulator material	PA 6.6
Contact connection method	Crimp
Type of contacts	Socket
Application	Power

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Technical data

Data of the insulating body

Number of positions	8
Contact diameter of power contacts	2 mm
Litz wire cross section of power contacts min.	0.25 mm²
Litz wire cross section of power contacts max.	4 mm²
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
Contact diameter of signal contacts	1 mm
Litz wire cross section of signal contacts min.	0.06 mm²
Litz wire cross section of signal contacts max.	1 mm²
Nominal current per signal contact at 25°C	9 A
Nominal voltage, signal contact	250 V
Rated surge voltage	4 kV
Overvoltage category	III
Degree of pollution	3
Installation height	2000 m

Housing data

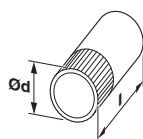|	
Housing material	GD-Zn
Type of locking	Screw locking
Degree of protection (when plugged in)	IP66 / IP68 (2 m / 24 h)
Thread type	M23

Cable seal data

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

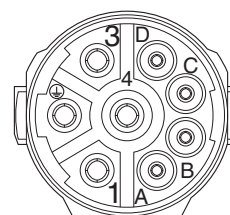### Environmental Product Compliance

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

Drawings

Dimensional drawing

Technical drawings can be found under Downloads

Schematic diagram

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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

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

Crimp contact - ST-10KS010 - 1618239

Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.06 mm² ... 0.25 mm²

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Accessories

Crimp contact - ST-10KS035 - 1618464

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

Mounting material

Torque screwdriver - SF-Z0028 - 1607456

Torque screwdriver

Hook wrench - SF-Z0027 - 1607455

Hook wrench