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Cable connector, straight, shielded: yes, Screw locking, M23, Number of positions: 6, Type of contact: Male connector, Solder connection, Cable diameter: 10 mm ... 14.5 mm

Product Features

- Safe use in the field, thanks to high degree of protection
- Connector for flexible on-site assembly
- Consistent EMC protection for reliable transmission of signals
- Solder connection: proven connection technology for various litz wires



Key Commercial Data

Packing unit	1 pc
Custom tariff number	85366990
Country of origin	Germany

Technical data

Temperature range

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

Data of the insulating body

Coding	N
Insulator material	PBT
Contact material	CuZn
Contact surface material	Ni/Au
Insertion/withdrawal cycles mechanical	100
Contact connection method	Solder connection
Type of contacts	Male connector
Number of positions	6
Contact diameter of power contacts	2 mm



Technical data

Data of the insulating body

Litz wire cross section of power contacts min.	0.08 mm²
Litz wire cross section of power contacts max.	2.5 mm ²
Nominal current per power contact at 25°C	20 A
Nominal voltage, power contact	300 V
Overvoltage category	П
Degree of pollution	3

Housing data

Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Type of locking	Screw locking
Degree of protection (when plugged in)	IP67
Thread type	M23

Cable seal data

Min. cable diameter	10 mm
Max. cable diameter	14.5 mm
Sealing material	NBR

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	272607xx
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260702
eCl@ss 7.0	27440102
eCl@ss 8.0	27440102

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002635
ETIM 5.0	EC002635

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404



Classifications

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UNSPSC	
UNSPSC 13.2	43201404
Approvals	
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Approvals	
UL Recognized / cUL Recognized / EAC / cULus Recognized	
Ex Approvals	
Approvals submitted	
Approval details	
UL Recognized \$1	

cUL Recognized • \$1		
mm²/AWG/kcmil	14	
Nominal current IN	10 A	
Nominal voltage UN	300 V	

14

20 A 300 V



mm²/AWG/kcmil

Nominal current IN

Nominal voltage UN

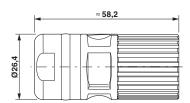


Drawings

Schematic diagram



Dimensional drawing



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