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Cable connector, straight, shielded: yes, SPEEDCON locking, M23, Number of positions: 6, Type of contact: Socket, 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
- Reduced connection time with SPEEDCON fast locking system
- 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
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#### Data of the insulating body

Coding	N
Insulator material	PBT
Contact material	CuZn
Contact surface material	Ni/Au
Contact connection method	Solder connection
Type of contacts	Socket
Number of positions	6



# Technical data

## Data of the insulating body

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

## Housing data

Housing material	CuZN, GD-Zn
Type of locking	SPEEDCON 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



# Classifications

#### **UNSPSC**

UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

# Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

## Approval details

UL Recognized <b>51</b>	
mm²/AWG/kcmil	14
Nominal current IN	20 A
Nominal voltage UN	300 V

cUL Recognized 51	
mm²/AWG/kcmil	14
Nominal current IN	10 A
Nominal voltage UN	300 V

EAC	
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# Approvals

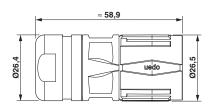


# **Drawings**

Schematic diagram



Dimensional drawing



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