

## Cable connector - RF-16S1N8A80DU - 1613727

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Cable connector, straight, Screw locking, M23, Number of positions: 16, Type of contact: Socket, Crimp connection, Shielded: Yes, Cable diameter: 5 mm...13.2 mm

The figure shows the 12-pos. product version



### Key commercial data

Packing unit	20 pc
GTIN	 4 046356 401869
Weight per Piece (excluding packing)	94.35 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### General

Note	Order information Order crimp contacts Ø 1 mm separately
Type of locking	Screw locking
Direction of rotation of contact chamber numbering	Standard
Coding	N
Contact connection method	Crimp connection
Type of contacts	Socket
Number of positions	16
Contact diameter of power contacts	1 mm
Nominal current per power contact at 25°C	8 A
Conductor entry	5 mm ... 13.2 mm

#### Ambient conditions

Ambient temperature	-20 °C ... 125 °C
Degree of protection	IP67

#### Material

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## Technical data

### Material

Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Insulator material	PA 66
Gasket and O-ring material	FPM

### Specifications according to DIN EN 61984:2001

Installation height max.	2000 m
Nominal / operating voltage of power contacts	100 V
Rated surge voltage of power contacts	1.5 kV
Surge voltage category of power contacts	III
Pollution degree of power contacts	3
Surge voltage category of signal contacts	III
Pollution degree of signal contacts	3

## Classifications

### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260708
eCl@ss 7.0	27440312
eCl@ss 8.0	27440312

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC001121
ETIM 5.0	EC002635

### UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

## Approvals

### Approvals

Approvals

UL Recognized / cUL Recognized / cULus Recognized

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## Approvals

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Ex Approvals

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Approvals submitted

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## Approval details

UL Recognized	
mm <sup>2</sup> /AWG/kcmil	26
Nominal current I <sub>N</sub>	1 A
Nominal voltage U <sub>N</sub>	125 V

cUL Recognized	
mm <sup>2</sup> /AWG/kcmil	26
Nominal current I <sub>N</sub>	1 A
Nominal voltage U <sub>N</sub>	125 V

cULus Recognized	
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## Accessories

Accessories

Mounting material

Torque screwdriver - SF-Z0028 - 1607456



Torque screwdriver

## Cable connector - RF-16S1N8A80DU - 1613727

### Accessories

Hook wrench - SF-Z0027 - 1607455



Hook wrench

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### Drawings

Schematic diagram



Dimensioned drawing

