

Device connector, front mounting - RF-12S1S8AWA00 - 1607294

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Device connector, front mounting, straight, Screw locking, M23, Number of positions: 12, Type of contact: Socket, Crimp connection, Axial O-ring, 4xØ3,2, shielded: Yes



Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	3.63 GRM
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	S
Contact connection method	Crimp connection
Type of contacts	Socket
Number of positions	12
Contact diameter of power contacts	1 mm
Nominal current per power contact at 25°C	8 A
Mounting type	4xØ3,2

Ambient conditions

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

Material

Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
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Technical data

Material

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	150 V
Rated surge voltage of power contacts	2.5 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	27143424
eCl@ss 5.1	27143424
eCl@ss 6.0	27143424
eCl@ss 7.0	27440209
eCl@ss 8.0	27440209

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

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Approvals


Approvals


UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized 	
mm ² /AWG/kcmil	20
Nominal current I _N	5 A
Nominal voltage U _N	125 V

cUL Recognized 	
mm ² /AWG/kcmil	20
Nominal current I _N	5 A
Nominal voltage U _N	125 V

cULus Recognized 	
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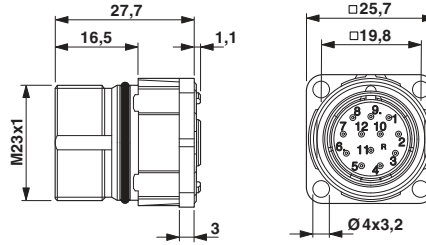
Drawings

Device connector, front mounting - RF-12S1S8AWA00 - 1607294

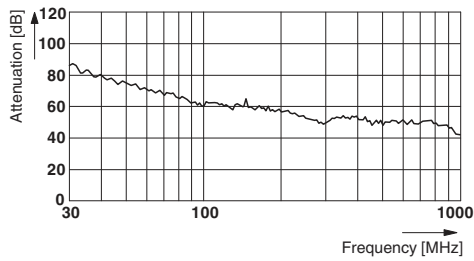
Schematic diagram



Dimensioned drawing



Diagram



Dimensioned drawing

