

Device connector, rear mounting - CA-09P1N12HZ00 - 1619842

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Device connector for rear wall, straight, shielded: Yes, SPEEDCON locking, M23, Number of positions: 8+1, Type of contact: Male connector, Solder connection, Seal, axial, Central fixing

The figure shows the 12-pos. product version

Product Features



Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	60.0 GRM
Custom tariff number	85366990
Country of origin	Germany

Technical data

Temperature range

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

Data of the insulating body

Insulator material	PBT
Contact material	CuZn
Contact surface material	Ni/Au
Direction of rotation of contact chamber numbering	Standard
Coding	N
Contact connection method	Solder connection
Type of contacts	Male connector
Number of positions	9
Contact diameter of power contacts	2 mm
Litz wire cross section of power contacts min.	0.08 mm ²

Device connector, rear mounting - CA-09P1N12HZ00 - 1619842

Technical data

Data of the insulating body

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
Contact diameter of signal contacts	1 mm
Litz wire cross section of signal contacts min.	0.08 mm ²
Litz wire cross section of signal contacts max.	1 mm ²
Nominal current per signal contact at 25°C	8 A
Nominal voltage, signal contact	300 V
Surge voltage category	II
Pollution degree	3

Housing data

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

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

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
UNSPSC 13.2	43201404

Device connector, rear mounting - CA-09P1N12HZ00 - 1619842

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized 	
mm²/AWG/kcmil	18
Nominal current I _N	8 A
Nominal voltage U _N	300 V

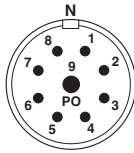
cUL Recognized 	
mm²/AWG/kcmil	18
Nominal current I _N	6 A
Nominal voltage U _N	300 V

cULus Recognized 	
--	--

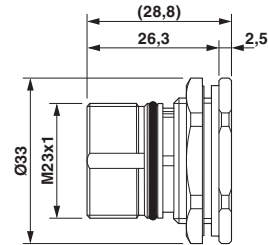
Drawings

Device connector, rear mounting - CA-09P1N12HZ00 - 1619842

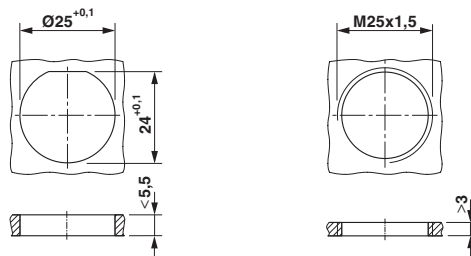
Schematic diagram



Dimensional drawing



Dimensional drawing



Installation dimensions