

CA-12S2S8A80DN - Cable connector

1621436

<https://www.phoenixcontact.com/us/products/1621436>



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 documentation. Our general terms of use for downloads are valid.



M23, Cable connector, series: CA, straight, shielded: yes, Screw locking mechanism, No. of pos.: 12, Direction of rotation: Counter direction, contact connection type: Socket, Crimp connection, cable diameter range: 3 mm ... 14.5 mm, coding: S, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1244400

Commercial data

Item number	1621436
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAEA
GTIN	4046356932530
Weight per piece (including packing)	93.5 g
Weight per piece (excluding packing)	86.71 g
Customs tariff number	85366990
Country of origin	DE

CA-12S2S8A80DN - Cable connector

1621436

<https://www.phoenixcontact.com/us/products/1621436>



Technical data

Product properties

Product type	Circular connector (cable-side)
--------------	---------------------------------

Connector

Insulating body

Coding	S
Connection method	Crimp connection
Contact switching type	Socket
Application	Signal
Number of positions	12
Direction of rotation	Counter direction
Connection profile	12
Contact diameter Power contacts	1 mm
Rated current Power contacts	8 A
Rated voltage	48 V AC
	74 V DC
Rated surge voltage	1.5 kV
Overshoot category	III
Degree of pollution	3

Housing

Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Type of locking	Screw locking mechanism
Pg screw connection	none
Degree of protection (plugged in)	IP67
Thread type	M23

Seal

External cable diameter	3 mm ... 14.5 mm
Seal material	NBR

CA-12S2S8A80DN - Cable connector

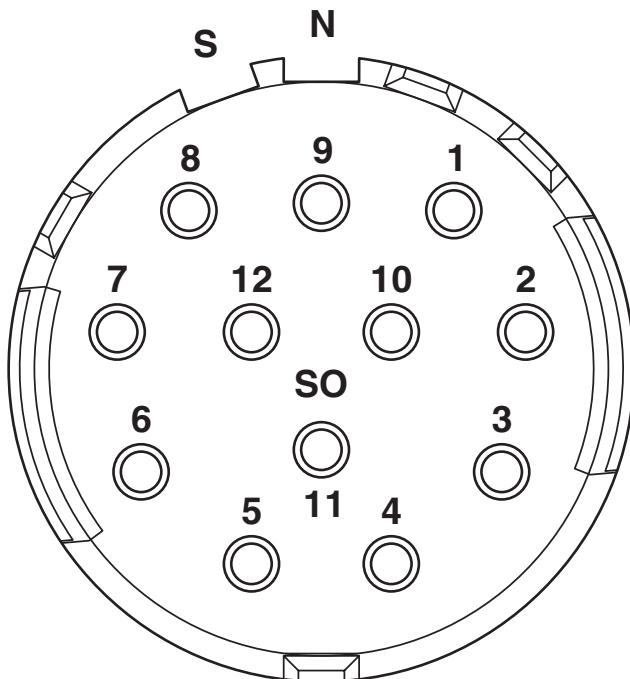
1621436

<https://www.phoenixcontact.com/us/products/1621436>



Drawings

Schematic diagram



Contact chamber numbering (view of plug-in side), socket counter direction

CA-12S2S8A80DN - Cable connector

1621436

<https://www.phoenixcontact.com/us/products/1621436>



Classifications

ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

ETIM

ETIM 9.0	EC002635
----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

CA-12S2S8A80DN - Cable connector

1621436

<https://www.phoenixcontact.com/us/products/1621436>



Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.	

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	84d39dd8-2f02-4d36-b38b-3cbafa618ddc

Phoenix Contact 2024 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA

586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com