CA-19S1N12HZ00 - Device connector rear mounting



1619778

https://www.phoenixcontact.com/us/products/1619778

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, Device connector rear mounting, series: CA, straight, shielded: yes, for standard and SPEEDCON interlock, No. of pos.: 16+3, Direction of rotation: Standard, contact connection type: Socket, Solder connection, Axial seal, Central fixing, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1243830

Your advantages

- · 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
- · Solder connection: proven connection technology for various litz wires
- · Application-specific wall mounting optionally with thread or anti-rotation protection and lock nut

Commercial data

Item number	1619778
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB31
Product key	ABRAER
Catalog page	Page 103 (C-2-2019)
GTIN	4046356821391
Weight per piece (including packing)	51 g
Weight per piece (excluding packing)	47.7 g
Customs tariff number	85366990
Country of origin	DE

CA-19S1N12HZ00 - Device connector rear mounting

1619778

https://www.phoenixcontact.com/us/products/1619778

Technical data

oduct properties	
Product type	Circular connectors (device side)
nnector	
Connection 1	
Head design	Socket
nsulating body	
Coding	Ν
Insulation body material	PA 6.6
Contact material	CuZn
Contact surface material	Ni/Au
Insertion/withdrawal cycles	100
Connection method	Solder connection
Contact switching type	Socket
Application	Signal
Number of positions	19
Direction of rotation	Standard
Connection profile	16+3
Contact diameter Power contacts	1.5 mm
Litz wire cross-section Power contacts max.	1 mm ²
Rated current Power contacts	10 A
Rated voltage	48 V AC
	74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3
Contact diameter Signal contacts	1 mm
Litz wire cross-section Signal contacts max.	1 mm ²
Nominal current per signal contact	8 A
Housing	
Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD Zn)
Type of locking	for standard and SPEEDCON interlock
Pg screw connection	none
Degree of protection (plugged in)	IP67

M23

Environmental and real-life conditions

Thread type







1619778

https://www.phoenixcontact.com/us/products/1619778

Ambient conditions

Ambient temperature (operation)

-40 °C ... 125 °C



1619778

https://www.phoenixcontact.com/us/products/1619778

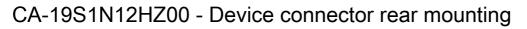
Classifications

ECLASS

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

ETIM

	ETIM 9.0	EC002635			
UN	UNSPSC				
	UNSPSC 21.0	39121400			



1619778

https://www.phoenixcontact.com/us/products/1619778

Environmental product compliance

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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

