CA-16P1N8AHZ00X - Device connector rear mounting

1243835

https://www.phoenixcontact.com/in/products/1243835

PHŒNIX CONTACT

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M23, Device connector rear mounting, series: CA, straight, shielded: yes, for standard and SPEEDCON interlock, No. of pos.: 16, Direction of rotation: Standard, contact connection type: Pin, Crimp connection, Axial seal, Central fixing, coding: N, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

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
- Crimping connection: vibration- and temperature-resistant assembly
- Application-specific panel mounting optionally with thread or anti-rotation protection and lock nut

Commercial data

Item number	1243835
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	*****
Product key	ABRAER
GTIN	4063151402679
Weight per piece (including packing)	47.5 g
Weight per piece (excluding packing)	49.1 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Notes

Order information:	Order 6 x Ø 1 mm crimp contacts separately

Product properties

Product type	Circular connectors (device side)

Connector

Insulating body

Note	Order information: Order crimp contacts Ø 1 mm separately
Coding	N
Insulation body material	PA 6.6
Connection method	Crimp connection
Contact switching type	Pin
Application	Signal
Number of positions	16
Direction of rotation	Standard
Connection profile	16
Contact diameter Signal contacts	1 mm
Litz wire cross-section Signal contacts min.	0.08 mm²
Litz wire cross-section Signal contacts max.	1 mm²
Nominal current per signal contact	8 A
Rated voltage Signal contact	48 V AC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

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
Thread type	M23

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C
Ambient temperature (storage/transport)	15 °C ... 25 °C
Permissible humidity (storage/transport)	50 % ... 65 %

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/in/products/1243835

cUL Recognized
Approval ID: E335019-20141210

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	48 V	3 A	20	-

UL Recognized
Approval ID: E335019-20141210

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	48 V	5 A	20	-

cULus Recognized

Classifications

ECLASS

ECLASS-11.0	27440109
ECLASS-12.0	27440109
ECLASS-13.0	27440109

ETIM

ETIM 9.0	EC003569

UNSPSC

UNSPSC 21.0	39121100

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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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Accessories

SF-Z0019 - Protective cap

1607449

https://www.phoenixcontact.com/in/products/1607449

Plastic protection cap, with eye, IP40 for connectors with M23 external thread, RF, SF series

RC-Z2104X - Metal protective cap

1241739

https://www.phoenixcontact.com/in/products/1241739

Metal protective cap, series: RC, UC, RF, SF, NC, RM, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

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RC-Z2068X - Metal protective cap

1241735

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Metal protective cap, series: RC, UC, RF, SF, NC, RM, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

CA-Z0110 - Color coding

1620700

https://www.phoenixcontact.com/in/products/1620700

Color coding, color: green

CA-Z0111 - Color coding

1620701

https://www.phoenixcontact.com/in/products/1620701

Color coding, color: orange

CA-Z0112 - Color coding

1620702

https://www.phoenixcontact.com/in/products/1620702

Color coding, color: black

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https://www.phoenixcontact.com/in/products/1243835

CA-Z0001 - Contact removal tool

1620699

https://www.phoenixcontact.com/in/products/1620699

Unlocking tool for contact carriers for snapping in the M23 signal device connectors

PROT-M23PRO-OT-IP20 - Plastic protective cap

1055753

https://www.phoenixcontact.com/in/products/1055753

Plastic protective cap, M23, series: M23 PRO

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RC-10KP0,08-0,56 - Crimp contact

1240882

https://www.phoenixcontact.com/in/products/1240882

Crimp contact, Pin, turned, Single contact, contact diameter: 1 mm, crimp range: 0.08 mm^2 ... 0.56 mm^2, Contact release tool not necessary for the 12- and 17-pos. crimp versions of the M23-PRO series, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

RC-10KP0,75-1,00 - Crimp contact

1241571

https://www.phoenixcontact.com/in/products/1241571

Crimp contact, Pin, turned, Single contact, contact diameter: 1 mm, crimp range: 0.75 mm^2 ... 1 mm^2, Contact release tool not necessary for the 12- and 17-pos. crimp versions of the M23-PRO series, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)