

CA-12M1N8A9503X - Coupler connector



1243941

<https://www.phoenixcontact.com/in/products/1243941>

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M23, Coupler connector, series: CA, straight, shielded: yes, for standard and SPEEDCON interlock, No. of pos.: 12, Direction of rotation: Standard, contact connection type: Pin, Crimp connection, cable diameter range: 6 mm ... 10 mm, 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 connection solutions in the industrial environment
- Crimping connection: vibration- and temperature-resistant assembly

Commercial data

Item number	1243941
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	*****
Product key	ABRAEG
GTIN	4063151406325
Weight per piece (including packing)	95.7 g
Weight per piece (excluding packing)	91 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Notes

Order information:	Order crimp contacts Ø 1 mm separately
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Product properties

Product type	Circular connector (cable-side)
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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	Feedback, signal
	Signal
Number of positions	12
Direction of rotation	Standard
Connection profile	12
Contact diameter	1 mm
Signal contacts	
Litz wire cross-section Signal contacts min.	0.06 mm ²
Litz wire cross-section Signal contacts max.	1 mm ²
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

Seal

External cable diameter	6 mm ... 10 mm
Seal material	FPM

Environmental and real-life conditions

Ambient conditions

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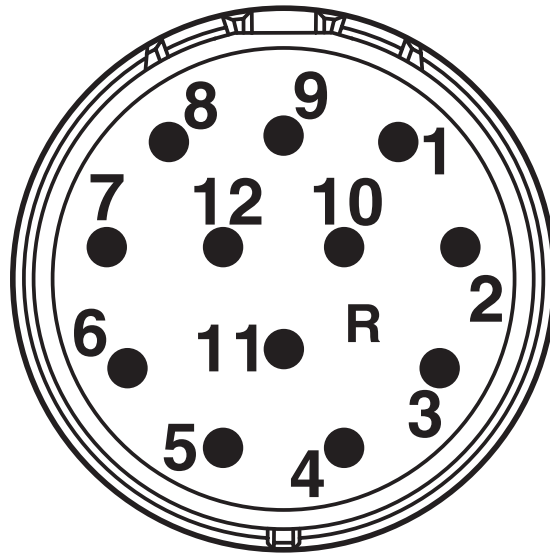


1243941

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Drawings

Schematic diagram



Contact chamber numbering (view of plug-in side), standard pin

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1243941

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/in/products/1243941>

cUL Recognized Approval ID: E335019-20141210				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	48 V	6 A	18	-

UL Recognized Approval ID: E335019-20141210				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	48 V	8 A	18	-

cULus Recognized				
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1243941

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Classifications

ECLASS

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

ETIM

ETIM 9.0	EC002635
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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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1243941

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Accessories

SF-10KP0,06-1,00 - Crimp contact

1241921

<https://www.phoenixcontact.com/in/products/1241921>



Crimp contact, Pin, turned, Single contact, contact diameter: 1 mm, crimp range: 0.06 mm² ... 1 mm², Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

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

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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 %)

RC-Z2068X - Metal protective cap

1241735

<https://www.phoenixcontact.com/in/products/1241735>



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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RF-Z0014 - Color coding

1620588

<https://www.phoenixcontact.com/in/products/1620588>

Color coding, color: green



RF-Z0015 - Color coding

1620592

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Color coding, color: orange



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1243941

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RF-Z0016 - Color coding

1620593

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Color coding, color: black



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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