

1595040

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M23, Cable connector, straight, shielded: no, Screw locking mechanism, No. of pos.: 8+1, Direction of rotation: Standard, contact connection type: Pin, Solder cup, cable diameter range: 5.5 mm ... 6.5 mm, coding: N

Commercial data

Item number	1595040
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAFA
GTIN	4046356204811
Weight per piece (including packing)	80.25 g
Weight per piece (excluding packing)	71.31 g
Customs tariff number	85366990
Country of origin	DE



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Technical data

Product properties

Product type	Circular connector (cable-side)

Connector

Insulating body

Insertion/withdrawal cycles Connection method Contact switching type Application Signal Number of positions Direction of rotation Connection profile Contact diameter Power contacts Litz wire cross-section Power contacts min. Litz wire cross-section Power contacts Rated current Power contacts Rated voltage 48 V AC 74 V DC Rated surge voltage Overvoltage category III Degree of pollution 3 Contact diameter Signal contacts min. Litz wire cross-section Signal contacts max. Nominal current per signal contact 8 A	Coding	N
Contact switching type Application Signal Number of positions 9 Direction of rotation Standard Connection profile 8+1 Contact diameter Power contacts Litz wire cross-section Power contacts min. Litz wire cross-section Power contacts max. Rated current Power contacts 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 min. Litz wire cross-section Signal contacts min. Litz wire cross-section Signal contacts min. Litz wire cross-section Signal contacts min. Litz wire cross-section Signal contacts min. Litz wire cross-section Signal contacts max.	Insertion/withdrawal cycles	50
Application Signal Number of positions 9 Direction of rotation Standard Connection profile 8+1 Contact diameter Power contacts 2 mm Litz wire cross-section Power contacts min. 0.08 mm² Litz wire cross-section Power contacts max. 2.5 mm² Rated current Power contacts 20 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 min. 0.08 mm² Litz wire cross-section Signal contacts max. 1 mm²	Connection method	Solder cup
Number of positions 9 Direction of rotation Standard Connection profile 8+1 Contact diameter Power contacts 2 mm Litz wire cross-section Power contacts min. 0.08 mm² Litz wire cross-section Power contacts max. 2.5 mm² Rated current Power contacts 20 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 min. 0.08 mm² Litz wire cross-section Signal contacts max. 1 mm²	Contact switching type	Pin
Direction of rotation Standard Connection profile 8+1 Contact diameter Power contacts 2 mm Litz wire cross-section Power contacts min. 0.08 mm² Litz wire cross-section Power contacts max. 2.5 mm² Rated current Power contacts 20 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 min. 0.08 mm² Litz wire cross-section Signal contacts max. 1 mm²	Application	Signal
Connection profile Contact diameter Power contacts Litz wire cross-section Power contacts min. Litz wire cross-section Power contacts max. Rated current Power contacts 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 Litz wire cross-section Signal contacts min. Litz wire cross-section Signal contacts max. 1 mm²	Number of positions	9
Contact diameter Power contacts Litz wire cross-section Power contacts min. Litz wire cross-section Power contacts max. Rated current Power contacts 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 Litz wire cross-section Signal contacts min. Litz wire cross-section Signal contacts max.	Direction of rotation	Standard
Litz wire cross-section Power contacts min. Litz wire cross-section Power contacts max. Rated current Power contacts Rated voltage 48 V AC 74 V DC Rated surge voltage Overvoltage category III Degree of pollution Contact diameter Signal contacts Litz wire cross-section Signal contacts min. Litz wire cross-section Signal contacts max.	Connection profile	8+1
Litz wire cross-section Power contacts max. Rated current Power contacts Rated voltage 48 V AC 74 V DC Rated surge voltage Overvoltage category Degree of pollution Contact diameter Signal contacts Litz wire cross-section Signal contacts min. Litz wire cross-section Signal contacts max. 2.5 mm² 28 A 18 V AC 74 V DC 19 III 10 O.08 mm² 10 0.08 mm²	Contact diameter Power contacts	2 mm
Rated current Power contacts Rated voltage 48 V AC 74 V DC Rated surge voltage Overvoltage category Degree of pollution Contact diameter Signal contacts Litz wire cross-section Signal contacts min. Litz wire cross-section Signal contacts max.	Litz wire cross-section Power contacts min.	0.08 mm²
Rated current Power Contacts 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 min. Litz wire cross-section Signal contacts max.	Litz wire cross-section Power contacts max.	2.5 mm ²
Rated surge voltage 1.5 kV Overvoltage category Degree of pollution Contact diameter Signal contacts 1 mm Litz wire cross-section Signal contacts min. 1 mm² Litz wire cross-section Signal contacts max.	Rated current Power contacts	20 A
Rated surge voltage 1.5 kV Overvoltage category Degree of pollution Contact diameter Signal contacts 1 mm Litz wire cross-section Signal contacts min. Litz wire cross-section Signal contacts max.	Rated voltage	48 V AC
Overvoltage category Degree of pollution Contact diameter Signal contacts 1 mm Litz wire cross-section Signal contacts min. Litz wire cross-section Signal contacts max.		74 V DC
Degree of pollution Contact diameter Signal contacts 1 mm Litz wire cross-section Signal contacts min. Litz wire cross-section Signal contacts max. 1 mm²	Rated surge voltage	1.5 kV
Contact diameter Signal contacts 1 mm Litz wire cross-section Signal contacts min. Litz wire cross-section Signal contacts max. 1 mm 1 mm²	Overvelters esteron.	
Litz wire cross-section Signal contacts min. 0.08 mm² Litz wire cross-section Signal contacts max.	Overvoltage category	III
Litz wire cross-section Signal contacts min. Litz wire cross-section Signal contacts max. 1 mm²		
Litz wire cross-section Signal Contacts max.	Degree of pollution	3
Nominal current per signal contact 8 A	Degree of pollution Contact diameter Signal contacts	3 1 mm
	Degree of pollution Contact diameter Signal contacts Litz wire cross-section Signal contacts min.	3 1 mm 0.08 mm ²

Housing

Order information:	Order contact inserts separately
Housing material	Metal
Type of locking	Screw locking mechanism
Pg screw connection	none
Degree of protection (plugged in)	IP65
	IP67
	IP68
Thread type	M23

Seal	
External cable diameter	5.5 mm 6.5 mm

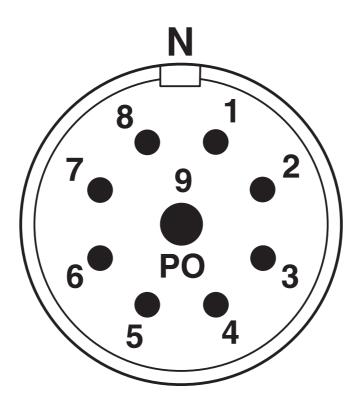


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Drawings

Schematic diagram



Connector pin assignment



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Classifications

ECLASS

ECLASS-11.0 27440102



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Environmental product compliance

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.)	No substance above 0.1 wt%

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