

RC-12P2N8E0000 - Contact insert

1598295

<https://www.phoenixcontact.com/us/products/1598295>



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Contact insert, M23, number of positions: 12, contact connection type: Pin, Crimp connection, series: NC, RC, RM, TU, UC



Commercial data

Item number	1598295
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAFU
GTIN	4046356220095
Weight per piece (including packing)	8.5 g
Weight per piece (excluding packing)	4.34 g
Customs tariff number	85472000
Country of origin	DE

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Technical data

Product properties

Product type	Contact insert
Series	NC
	RC
	RM
	TU
	UC
Application	Signal
Number of positions	12
Connection profile	12
Coding	N
Thread type	M23

Electrical properties

Contact

Contact diameter	1 mm
Min. cross section	0.22 mm ²
Max. cross section	0.56 mm ²
Max. current	8 A
Nominal voltage U _N	48 V AC 74 V DC
Overvoltage category	III
Degree of pollution	3
Rated surge voltage	1.5 kV

Connection data

Connection method	Crimp connection
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Material specifications

Insulator material	PA66
Contact material	CuZn
Contact surface	Nickel-plated, gold coating

Connector

Direction of rotation	Counter direction
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Mechanical properties

Mechanical data

Insertion/withdrawal cycles	50
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Environmental and real-life conditions

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Ambient conditions

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

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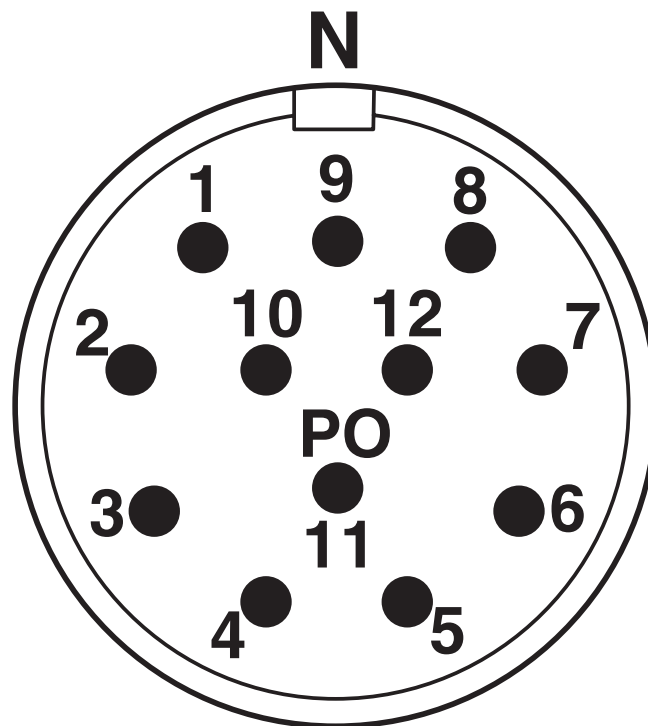
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Drawings

Schematic diagram



Connector pin assignment

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Classifications

ECLASS

ECLASS-11.0	27440223
ECLASS-12.0	27440223
ECLASS-13.0	27440223

ETIM

ETIM 9.0	EC003557
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UNSPSC

UNSPSC 21.0	39121400
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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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