CA-1RP1N8A0000 - Contact insert

1623627

https://www.phoenixcontact.com/us/products/1623627

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CRIMP



Contact insert, M23, number of positions: 16+2+FE, contact connection type: Pin, Crimp connection, series: CA, RC

Commercial data

Item number	1623627
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AB31
Product key	ABRAET
GTIN	4055626170596
Weight per piece (including packing)	2.61 g
Weight per piece (excluding packing)	2.167 g
Customs tariff number	85472000
Country of origin	DE

Technical data

Notes

Order information:	Order crimp contacts 16x Ø 1 mm, 2x Ø 1.5 mm, 1x Ø 1.5 mm (FE, first) separately

Product properties

Product type	Contact insert
Series	CA
	RC
Application	Signal
Number of positions	19
Connection profile	16+2+FE
No. of control contacts	19
Coding	N
Thread type	M23

Electrical properties

Contact: Contact group 1

Contact diameter	1.5 mm
Min. cross section	0.08 mm²
Max. cross section	1 mm²
Nominal current I_N	10 A (for max. connection cross section)
Nominal voltage U_N	48 V AC
	74 V DC
Overvoltage category	II
Degree of pollution	3
Rated surge voltage	1.5 kV

Contact: Contact group 2

Contact diameter	1 mm
Min. cross section	0.08 mm²
Max. cross section	1 mm²
Nominal current I_N	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

Material specifications

Material Insulating body	PA 6.6
Flammability rating according to UL 94	V0

Connector

Direction of rotation	Standard

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	100

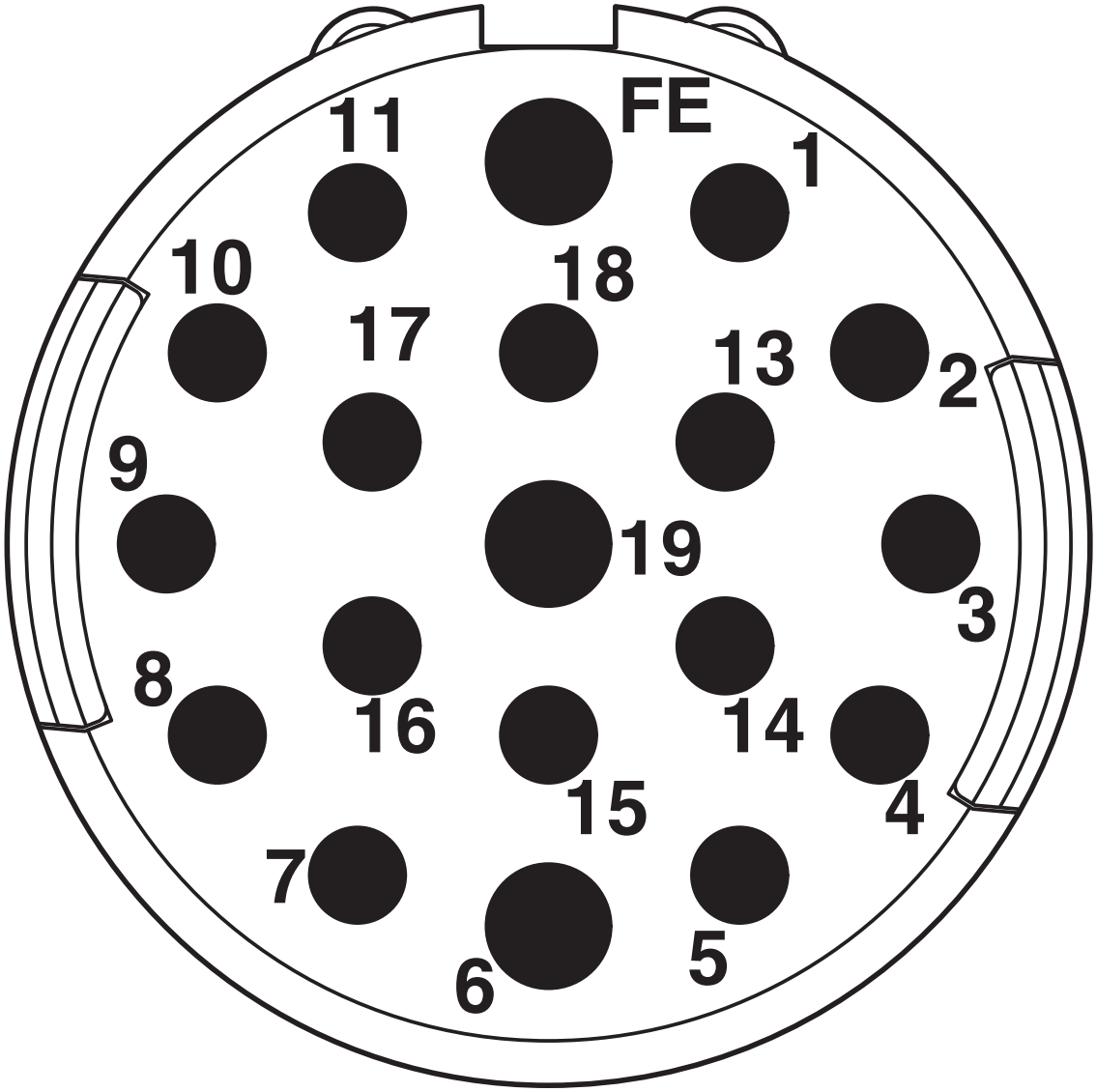
Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C
Altitude	2000 m

Drawings

Schematic diagram



Connector pin assignment

Classifications

ECLASS

ECLASS-13.0	27440223
ECLASS-15.0	27440223

ETIM

ETIM 10.0	EC003557

UNSPSC

UNSPSC 21.0	39121400

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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