

SACC-CI-M12MS-17CON- TOR 32 WP - Contact carrier



1417869

<https://www.phoenixcontact.com/us/products/1417869>

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Contact carrier, 17-position, Pin, straight, M12, A-coding, THR solder connection, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

Similar figure

Commercial data

Item number	1417869
Packing unit	100 pc
Minimum order quantity	100 pc
Product key	ABQAGN
GTIN	4055626129082
Weight per piece (including packing)	7.19 g
Weight per piece (excluding packing)	3.063 g
Country of origin	DE

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Technical data

Notes

Notes on operation	The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration.
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Product properties

Product type	Contact insert
Application	Signal
Number of positions	17
No. of control contacts	17
Shielded	no
Coding	A
Thread type	M12

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Contact resistance	$\leq 3 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$

Connection data

Connection method	THR solder connection
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Material specifications

Material Insulating body	PA 6T/66
Material Contact	CuZn
Material Contact surface	Au
Flammability rating according to UL 94	V0

Connector

Connection 1

Head design	Pin
Head cable outlet	straight
Head thread type	M12
Coding	A

Mechanical properties

Mechanical data

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Insertion/withdrawal cycles	> 100
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67 (correctly plugged in and locked)
UL Type Rating	Type 4 (indoor use only)

Packaging specifications

Type of packaging	Belt
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Drawings

Schematic diagram



Pin assignment of M12 male connector, 17-pos., A-coded, view of connector side

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1417869>

 UL Recognized Approval ID: E118976-20100522				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	30 V	1.5 A	26	-

 cULus Recognized Approval ID: E221474-20140616				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	30 V	1.5 A	-	-

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Classifications

ECLASS

ECLASS-13.0	27440223
ECLASS-15.0	27440223

ETIM

ETIM 10.0	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
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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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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com