

Contact carriers - SACC-MCI-MSS-4CON/0,5 PE SCO - 1424129


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Assembled contact carrier and insulating body, S-coding, 3-pos. + PE, 0.5 m long litz wires



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 693325
Weight per Piece (excluding packing)	36.9 g
Custom tariff number	85366990
Country of origin	Germany
Product key	ABQEAA
Note	Made to Order (non-returnable)

Technical data

Dimensions

Length of cable	0.5 m
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Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
Degree of protection	IP67

General

Note	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.
Rated current at 40°C	12 A
Rated voltage	630 V
Rated surge voltage	1.5 kV
Number of positions	4
Insulation resistance	≥ 100 MΩ

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Technical data

General

Coding	S power
Standards/regulations	M12 connector
Status display	No
Overvoltage category	III
Pollution degree	3
Connection method	Individual wires
Torque	M12 connector
Mounting type	Rear mounting With flat nut

Material

Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA6
Sealing material	FKM

Cable

Cable type	PP litz wire
Conductor cross section	1.5 mm ²
AWG signal line	16
Wire colors	Black numbered, black numbered, black numbered, green-yellow
Conductor material	Bare Cu litz wires
Ambient temperature (operation)	-40 °C ... 90 °C (cable, fixed installation)

Standards and Regulations

Standard designation	M12 connector
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Classifications

eCl@ss

eCl@ss 4.0	27140815
eCl@ss 4.1	27140815
eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27143423
eCl@ss 7.0	27449001
eCl@ss 8.0	27440103

ETIM

ETIM 3.0	EC002061
ETIM 4.0	EC002062
ETIM 5.0	EC002061

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Classifications

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

Approvals

Approvals

Approvals

EAC / UL Listed / cUL Listed / cULus Listed

Ex Approvals

Approvals submitted

Approval details

EAC

UL Listed	
mm ² /AWG/kcmil	16
Nominal current I _N	12 A
Nominal voltage U _N	600 V

cUL Listed	
mm ² /AWG/kcmil	16
Nominal current I _N	12 A
Nominal voltage U _N	600 V

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Approvals

cULus Listed

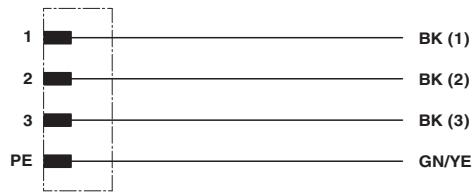
Drawings

Schematic diagram



M12 plug pin assignment, 4-pos., S-coded, plug side view

Circuit diagram



Contact assignment of the M12 plug