



Automatización Eléctrica
Especialistas en Automatización

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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 STK
GTIN	 4 046356 693325

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

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Technical data

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

UNSPSC

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

Approvals

Approvals

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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

cULus Listed	
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Drawings

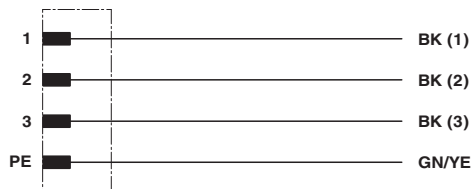
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Schematic diagram



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

Circuit diagram



Contact assignment of the M12 plug

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