

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

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




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

Why buy this product

- For compact devices: transmit high power in a confined space
- Convenient field assembly: device connectors for fast on-site mounting
- Customer-specific assemblies and litz wire lengths available
- Standard pin assignments for signal and power transmission with a uniform design-in design

Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 693325
GTIN	4046356693325
Weight per Piece (excluding packing)	36.900 g
Custom tariff number	85366990
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Dimensions

Length of cable	0.5 m
-----------------	-------

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
------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

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

Technical data

General

	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

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
Standards/specifications	M12 connector
Ambient temperature (operation)	-40 °C ... 90 °C (cable, fixed installation)

Standards and Regulations

Standard designation	M12 connector
----------------------	---------------

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

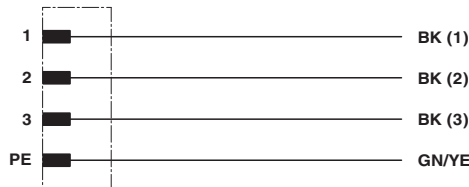
Contact carriers - SACC-MCI-MSS-4CON/0,5 PE SCO - 1424129

Schematic diagram



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

Circuit diagram



Contact assignment of the M12 plug

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
eCl@ss 9.0	27440102

ETIM

ETIM 3.0	EC002061
ETIM 4.0	EC002062
ETIM 5.0	EC002061
ETIM 6.0	EC002061

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	39121413

Approvals

Approvals

Approvals

UL Listed / cUL Listed / EAC / cULus Listed

Ex Approvals

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

Approvals

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 468743
mm ² /AWG/kcmil	16		
Nominal current I _N	12 A		
Nominal voltage U _N	600 V		

cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 468743
mm ² /AWG/kcmil	16		
Nominal current I _N	12 A		
Nominal voltage U _N	600 V		

EAC		B.01742
-----	--	---------

cULus Listed	
--------------	--

Accessories

Accessories

Panel mounting base

Flange - SACC-MSQ-P-M12MS-25-2,7 SCO - 1424131



Flange housing, 25 mm x 25 mm