

SACB-4/ 8-15,0PUR SH - Distributor box



1401997

<https://www.phoenixcontact.com/us/products/1401997>

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 documentation. Our general terms of use for downloads are valid.



Distributor box, number of slots: 4, number of positions: 5, status display: no, Universal; master cable connection: Fixed connection, PUR/PVC, cable length: 15 m, shielding: yes

Commercial data

Item number	1401997
Packing unit	1 pc
Minimum order quantity	10 pc
Product key	AF3CDA
GTIN	4046356579872
Weight per piece (including packing)	2,691 g
Weight per piece (excluding packing)	2,691 g
Country of origin	PL

SACB-4/ 8-15,0PUR SH - Distributor box



1401997

<https://www.phoenixcontact.com/us/products/1401997>

Technical data

Product properties

Product type	Distributor box
Number of positions	5
Number of slots	4

Electrical properties

Nominal voltage U_N	48 V AC
	60 V DC
Rated current, total	12 A
Max. current carrying capacity per path	2 A
Current carrying capacity per slot	4 A

Connection data

Conductor connection

Tightening torque slot sensor/actuator cable	0.4 Nm
--	--------

Connection assignment

Slot/position = Wire color or connection	1 / 4 (A) = WH
	1 / 2 (B) = GYPK
	2 / 4 (A) = GN
	2 / 2 (B) = RDBU
	3 / 4 (A) = YE
	3 / 2 (B) = WHGN
	4 / 4 (A) = GY
	4 / 2 (B) = BNGN
	1-4 / 1 (+ 48 V) = BN
	1-4 / 3 (0 V) = BU
	1-4 / 5 (PE) = GNYE

Signaling

Status display present	no
------------------------	----

Dimensions

Width	61 mm
Height	24 mm
Length	116 mm

Material specifications

Material Housing	Aluminum
Material Molding compound	PUR
Flammability rating according to UL 94	V0
Seal material O-ring	NBR

SACB-4/ 8-15,0PUR SH - Distributor box



1401997

<https://www.phoenixcontact.com/us/products/1401997>

Contact material	Cu alloy
Contact surface material	gold-plated
Contact carrier material	PA
Material of contact, master cable side	CU alloy
Material of contact surface, master cable side	gold-plated

Cable/line

Cable length	15 m
--------------	------

PUR/PVC shielded, black [PUR]

Dimensional drawing	
Number of positions	11
Shielded	yes
Cable type	PUR/PVC shielded, black [PUR]
Conductor structure signal line	64x 0.10 mm
AWG signal line	20
Conductor structure, voltage supply	128x 0.10 mm
AWG power supply	17
Conductor cross section	8x 0.5 mm² (Signal line) 3x 1 mm² (Power supply)
External cable diameter	9.40 mm ±0.2 mm
Outer sheath, material	PUR
External sheath, color	deep black RAL 9005
Conductor material	Bare Cu litz wires
Material wire insulation	PVC
Single wire, color	brown, blue, green/yellow, white, green, yellow, gray, gray/pink, red/blue, white/green, brown/green
Overall twist	Wires twisted in layers
Nominal voltage, cable	300 V
Test voltage	2000 V
Dynamic load capacity (bending)	Max. bending cycles: 1500000, Bending radius: 94 mm, Traversing path: 2 m, Traversing rate: 2 m/s
Flame resistance	DIN EN 50265
Resistance to oil	according to VDE 0472 Part 803
Other resistance	Highly resistant to acids, alkaline solutions and solvents
Special properties	Silicone-free Free of substances which would hinder coating with paint or varnish

SACB-4/ 8-15,0PUR SH - Distributor box



1401997

<https://www.phoenixcontact.com/us/products/1401997>

Ambient temperature (operation)	-40 °C ... 90 °C (cable, fixed installation)
	-5 °C ... 80 °C (Cable, flexible installation)

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65
	IP67
Ambient temperature (operation)	-25 °C ... 70 °C

SACB-4/ 8-15,0PUR SH - Distributor box

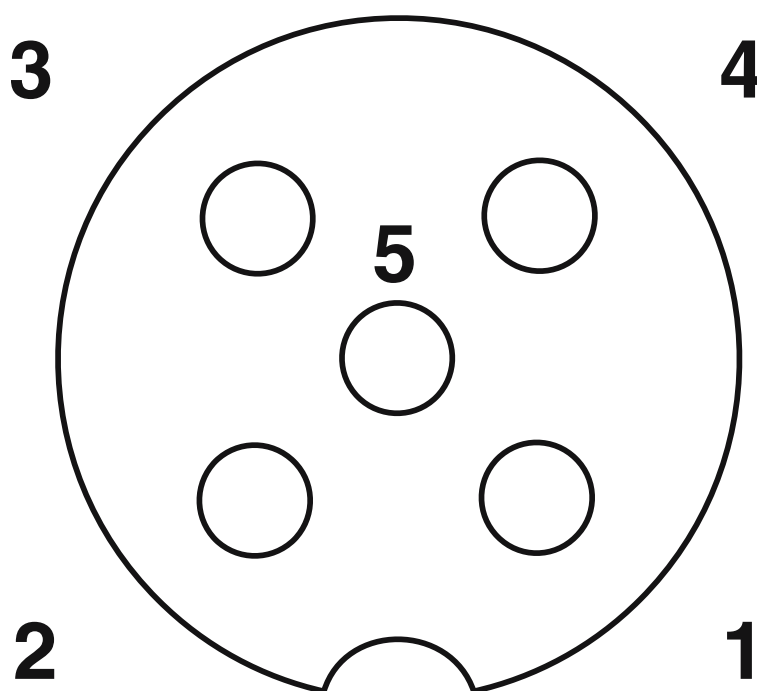


1401997

<https://www.phoenixcontact.com/us/products/1401997>

Drawings

Schematic diagram



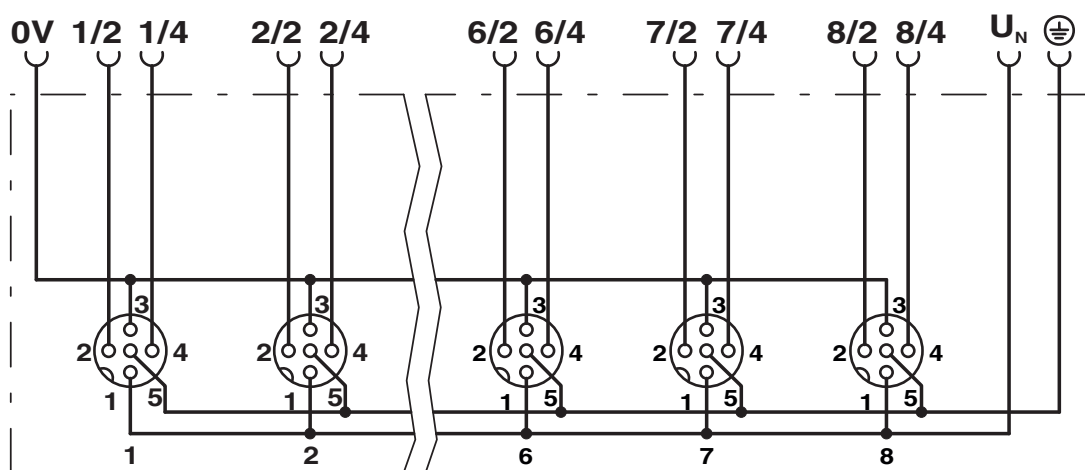
M12 slot, socket, 5-pos.

SACB-4/ 8-15,0PUR SH - Distributor box

1401997

<https://www.phoenixcontact.com/us/products/1401997>

Circuit diagram



SACB-4/ 8-15,0PUR SH - Distributor box



1401997

<https://www.phoenixcontact.com/us/products/1401997>

Classifications

ECLASS

ECLASS-13.0	27440111
ECLASS-15.0	27440108

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------