

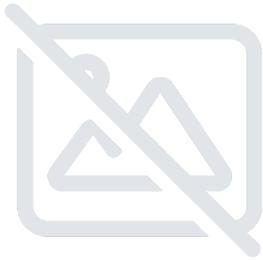
SACB-8/8-L-5,0PUR AR SCO - Distributor box



1550216

<https://www.phoenixcontact.com/us/products/1550216>

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 Metal

Commercial data

Item number	1550216
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BF42
Product key	AF3CCA
GTIN	4046356146425
Weight per piece (including packing)	897.4 g
Weight per piece (excluding packing)	896.6 g
Customs tariff number	85444290
Country of origin	PL

SACB-8/8-L-5,0PUR AR SCO - Distributor box



1550216

<https://www.phoenixcontact.com/us/products/1550216>

Technical data

Notes

Assembly note	NOTE: Observe the permissible bending radii when routing cables, since the degree of protection may be at risk if the bending forces are too high. Reduce mechanical loads upstream of the connector, e.g., by using cable ties.
Note on application	Unused slots are to be sealed off prior to commissioning. Suitable sealing elements are to be found under "Accessories".

Product properties

Product type	Distributor box
LED	yes

System properties

Local diagnostics

Monitored function	Supply voltage
Optical representation	Green LED

Electrical properties

Local diagnostics	Supply voltage Green LED
	Status display I/O Yellow LED

Connection data

Conductor connection

Tightening torque slot sensor/actuator cable	0.4 Nm
Tightening torque of mounting screw for fixing the housing	0.5 Nm

Material specifications

Material Threaded sleeve	Die-cast zinc
--------------------------	---------------

Cable/line

PUR/PVC black [PUR]

Dimensional drawing	
Cable weight	107.4 kg/km
UL AWM Style	20549 (80°C/300 V)

SACB-8/8-L-5,0PUR AR SCO - Distributor box



1550216

<https://www.phoenixcontact.com/us/products/1550216>

Number of positions	11
Shielded	no
Cable type	PUR/PVC black [PUR]
Conductor structure signal line	19x 0.15 mm
AWG signal line	22
Conductor structure, voltage supply	42x 0.15 mm
AWG power supply	18
Conductor cross section	8x 0.34 mm ² (Signal line) 3x 0.75 mm ² (power line)
Wire diameter incl. insulation	1.3 mm ±0.1 mm (Signal line) 1.8 mm ±0.1 mm (power line)
External cable diameter	8.50 mm ±0.2 mm
Outer sheath, material	PUR
External sheath, color	black RAL 9005
Conductor material	Bare Cu litz wires
Material wire insulation	PVC
Single wire, color	brown, blue, green/yellow, white, green, yellow, gray, pink, red, black, violet
Inner sheath thickness	≥ 0.15 mm
Thickness, outer sheath	≥ 0.38 mm
Overall twist	Wires twisted in layers
Max. conductor resistance	≤ 53 Ω/km (Signal line) ≤ 26 Ω/km (power line)
Insulation resistance	≥ 5 MΩ*km
Nominal voltage, cable	300 V AC
Test voltage Core/Core	2000 V (50 Hz, 5 min.)
Minimum bending radius, fixed installation	7.5 x D
Minimum bending radius, flexible installation	10 x D
Smallest bending radius, fixed installation	64 mm
Smallest bending radius, movable installation	85 mm
Dynamic load capacity (bending)	Max. bending cycles: 1500000, Bending radius: 10 x D, 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
Ambient temperature (operation)	-40 °C ... 90 °C (cable, fixed installation) -5 °C ... 80 °C (Cable, flexible installation)

SACB-8/8-L-5,0PUR AR SCO - Distributor box



1550216

<https://www.phoenixcontact.com/us/products/1550216>

Classifications

ECLASS

ECLASS-13.0	27440108
ECLASS-15.0	27440108

UNSPSC

UNSPSC 21.0	31251501
-------------	----------

SACB-8/8-L-5,0PUR AR SCO - Distributor box



1550216

<https://www.phoenixcontact.com/us/products/1550216>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c), 7(c)-I

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
-------------------------------------	----------------------

Phoenix Contact 2025 © - all rights reserved

<https://www.phoenixcontact.com>

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