

SACB- 8X0,5/ 3X1,0-50,0 PUR - Master cable ring



1503357

<https://www.phoenixcontact.com/us/products/1503357>

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.

Master cable for sensor/actuator boxes, with PE conductor, unshielded, material PUR/PVC, 11-pos., 8 x 0.50 mm² and 3 x 1.00 mm², length: 50 m



Commercial data

Item number	1503357
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	BF45
Product key	AF3ZBX
GTIN	4017918896959
Weight per piece (including packing)	6,645 g
Weight per piece (excluding packing)	6,133 g
Customs tariff number	85444995
Country of origin	DE

SACB- 8X0,5/ 3X1,0-50,0 PUR - Master cable ring

1503357

<https://www.phoenixcontact.com/us/products/1503357>

Technical data

Product properties

Product type	Cable by the meter
Application	Distributor boxes
Number of positions	11
LED	no


Electrical properties

Nominal voltage U_N	300 V AC
	300 V DC

Cable/line

Cable length	50 m
--------------	------

PUR/PVC black [PUR]

Dimensional drawing	
Cable weight	122 kg/km
UL AWM Style	20549
Number of positions	11
Shielded	no
Cable type	PUR/PVC black [PUR]
Conductor structure signal line	28x 0.15 mm
AWG signal line	20
Conductor structure, voltage supply	56x 0.15 mm
AWG power supply	17
Conductor cross-section	8x 0.5 mm ² (Signal line)
	3x 1 mm ² (power line)
Wire diameter incl. insulation	1.5 mm ±0.1 mm (Signal line)
	2.1 mm ±0.1 mm (power line)
External cable diameter	8.70 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, gray/pink, red/blue, white/green, brown/green

SACB- 8X0,5/ 3X1,0-50,0 PUR - Master cable ring



1503357

<https://www.phoenixcontact.com/us/products/1503357>

Inner sheath thickness	≥ 0.15 mm
Thickness, outer sheath	≥ 0.38 mm
Overall twist	Wires twisted in layers
Nominal voltage, cable	300 V
Test voltage	2000 V
Minimum bending radius, fixed installation	7.5 x D
Minimum bending radius, flexible installation	10 x D
Smallest bending radius, fixed installation	66 mm
Smallest bending radius, movable installation	87 mm
Dynamic load capacity (bending)	Max. bending cycles: 1500000, Bending radius: 87 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
Ambient temperature (operation)	-40 °C ... 90 °C (cable, fixed installation) -5 °C ... 80 °C (Cable, flexible installation) 80 °C (in acc. with UL)

SACB- 8X0,5/ 3X1,0-50,0 PUR - Master cable ring



1503357

<https://www.phoenixcontact.com/us/products/1503357>

Classifications

ECLASS

ECLASS-13.0	27060106
ECLASS-15.0	27060106

ETIM

ETIM 10.0	EC003250
-----------	----------

UNSPSC

UNSPSC 21.0	26121600
-------------	----------

SACB- 8X0,5/ 3X1,0-50,0 PUR - Master cable ring



1503357

<https://www.phoenixcontact.com/us/products/1503357>

Environmental product compliance

EU RoHS

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

China RoHS

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

EU REACH SVHC

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

Phoenix Contact 2026 © - 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