

# SACB-12X0,5/ 3X1,0-50,0 PUR - Master cable ring



1503360

<https://www.phoenixcontact.com/us/products/1503360>

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, 15-pos., 12 x 0.50 mm<sup>2</sup> and 3 x 1.00 mm<sup>2</sup>, length: 50 m



## Commercial data

Item number	1503360
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	BF45
Product key	AF3ZBX
GTIN	4017918896966
Weight per piece (including packing)	7,895 g
Weight per piece (excluding packing)	9.068 g
Customs tariff number	85444290
Country of origin	DE

# SACB-12X0,5/ 3X1,0-50,0 PUR - Master cable ring

1503360

<https://www.phoenixcontact.com/us/products/1503360>

## Technical data

### Product properties

Product type	Cable by the meter
Application	Distributor boxes
Number of positions	15
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	150.9 kg/km
UL AWM Style	20549
Number of positions	15
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	12x 0.5 mm <sup>2</sup> (Signal line)
	3x 1 mm <sup>2</sup> (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	9.40 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, gray/pink, red/blue, white/green, brown/green, white/yellow,

# SACB-12X0,5/ 3X1,0-50,0 PUR - Master cable ring



1503360

<https://www.phoenixcontact.com/us/products/1503360>

	yellow/brown
Thickness, insulation	≥ 0.15 mm (Inner sheath)
	≥ 0.76 mm (Outer cable sheath)
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	71 mm
Smallest bending radius, movable installation	94 mm
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
Ambient temperature (operation)	-40 °C ... 90 °C (cable, fixed installation)
	-5 °C ... 80 °C (Cable, flexible installation)
	80 °C (in acc. with UL)

# SACB-12X0,5/ 3X1,0-50,0 PUR - Master cable ring



1503360

<https://www.phoenixcontact.com/us/products/1503360>

## Classifications

### ECLASS

ECLASS-13.0	27060106
ECLASS-15.0	27060106

### ETIM

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

### UNSPSC

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

# SACB-12X0,5/ 3X1,0-50,0 PUR - Master cable ring



1503360

<https://www.phoenixcontact.com/us/products/1503360>

## 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%
-------------------------------------	----------------------------

### EF3.1 Climate Change

CO2e kg	31.902 kg CO2e
---------	----------------

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](mailto:info@phoenixcon.com)