

SACB- 6/3-L- 5,0PUR-M8 HD - Distributor box



1197216

<https://www.phoenixcontact.com/ro/produse/1197216>

Vă rugăm să țineți cont de faptul că datele afișate în acest document PDF au fost generate din catalogul nostru online. Datele complete sunt disponibile în documentația pentru utilizator. În cazul descărcărilor, se aplică Termenii și condițiile generale de utilizare ale companiei noastre.



Distributor box, application: Standard, connection method: M8 socket Metal, number of slots: 6, number of positions: 3, coding: A, slot assignment: single, status display: Yes, PNP; master cable connection: Fixed connection 180°, PUR/PVC, cable length: 5 m, shielding: no

Avantajele dumneavoastră

- Safety in the field, thanks to molded housing and high degree of protection
- Convenient: increased machine availability thanks to quick and easy diagnostics

Date comerciale

Număr articol	1197216
Unitate de ambalare	1 Bucată
Cantitate minimă pentru comandă	1 Bucată
Cod produs	BF3BCA
GTIN	4063151256906
Greutate pe bucată (inclusiv ambalajul)	562,1 g
Greutate pe bucată (fără ambalaj)	527 g
Cod tarifar vamal	85444290
Țara de origine	DE

SACB- 6/3-L- 5,0PUR-M8 HD - Distributor box



1197216

<https://www.phoenixcontact.com/ro/produse/1197216>

Date tehnice

Notes

Assembly note	NOTE: Observe the permissible bending radii when laying conductors, since the degree of protection may be put in jeopardy if the bending forces are too high. Alleviate 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
Application	Standard
Number of positions	3
Number of slots	6
Coding	A
LED	yes

Data management status

Article revision	01
------------------	----

System properties

Local diagnostics

Monitored function	Supply voltage
Optical representation	Green LED

Electrical properties

Max. operating voltage U_{max}	30 V DC
Local diagnostics	Supply voltage Green LED
	Status display I/O Yellow LED
Nominal voltage U_N	24 V DC
Rated current, total	6 A
Max. current carrying capacity per path	2 A
Current carrying capacity per slot	2 A

Connection data

Conductor connection

Sensor/actuator connection system	M8 socket
Tightening torque slot sensor/actuator cable	0.2 Nm

Pin assignment

Slot/position = Wire color or connection	1 / 4 (A) = WH
	2 / 4 (A) = GN
	3 / 4 (A) = YE

SACB- 6/3-L- 5,0PUR-M8 HD - Distributor box



1197216

<https://www.phoenixcontact.com/ro/produse/1197216>

	4 / 4 (A) = GY
	5 / 4 (A) = PK
	6 / 4 (A) = RD
	1-6 / 1 (+ 24 V) = BN
	1-6 / 3 (0 V) = BU

Signaling

Status display present	Yes
------------------------	-----

Dimensions

Dimensional drawing	
Width	30 mm
Height	20 mm
Length	107.5 mm

Material specifications

Material Threaded sleeve	Cu alloy
Material Housing	PBT
Material Molding compound	PUR
Seal material O-ring	FKM
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	PBT

Cable/line

Cable length	5 m
--------------	-----

PUR/PVC black [PUR]

Desen dimensional	
Cable weight	81.2 kg/km
UL AWM Style	20549

SACB- 6/3-L- 5,0PUR-M8 HD - Distributor box



1197216

<https://www.phoenixcontact.com/ro/produse/1197216>

Number of positions	8
Shielded	no
Cable type	PUR/PVC black [PUR]
Conductor structure signal line	19x 0.15 mm
AWG signal line	22
Conductor cross section	6x 0.34 mm ² (Signal line) 2x 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	7.60 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, white, green, yellow, gray, pink, red
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	57 mm
Smallest bending radius, movable installation	76 mm
Max. bending cycles	1500000
Bending radius	76 mm
Traversing path	2 m
Traversing rate	2 m/s
Acceleration	10 m/s ²
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)

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-25 °C ... 80 °C

Standards and regulations

Standard designation	M8 connector
----------------------	--------------

SACB- 6/3-L- 5,0PUR-M8 HD - Distributor box



1197216

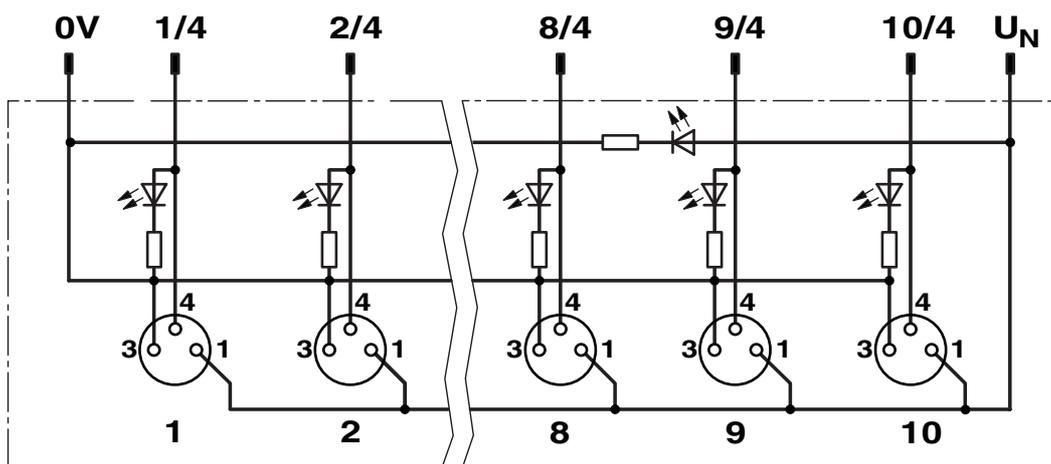
<https://www.phoenixcontact.com/ro/produse/1197216>

Standards/specifications

IEC 61076-2-104

Desene

Circuit diagram

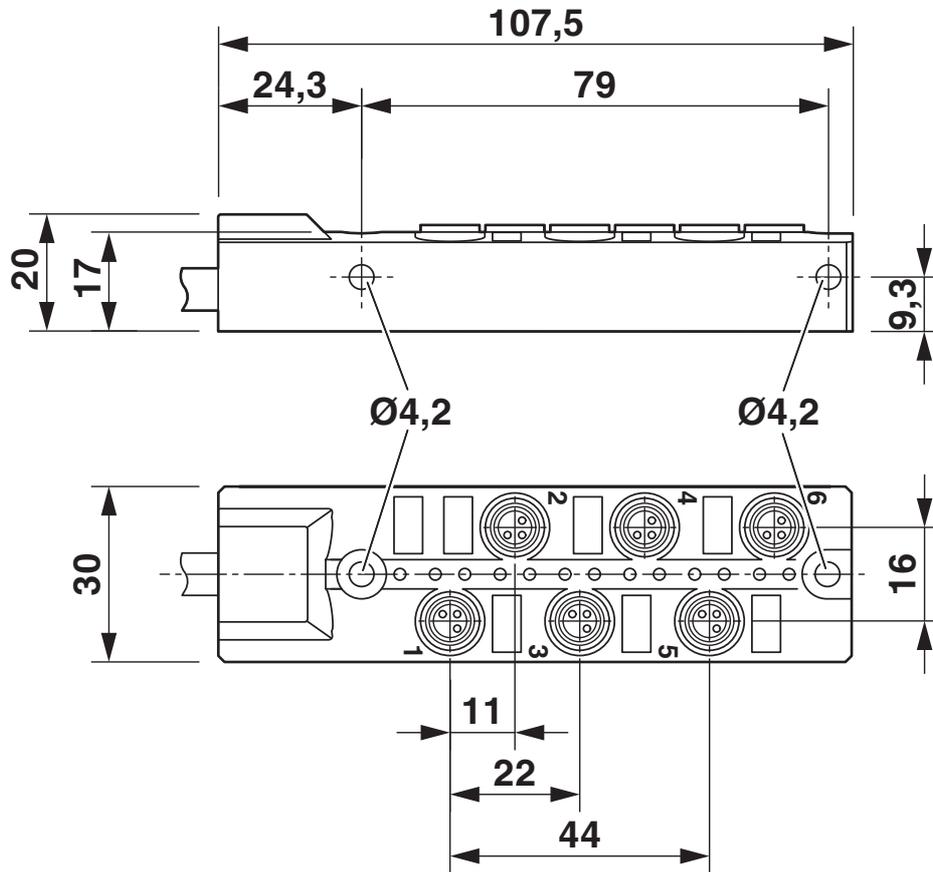


SACB- 6/3-L- 5,0PUR-M8 HD - Distributor box

1197216

<https://www.phoenixcontact.com/ro/produse/1197216>

Dimensional drawing



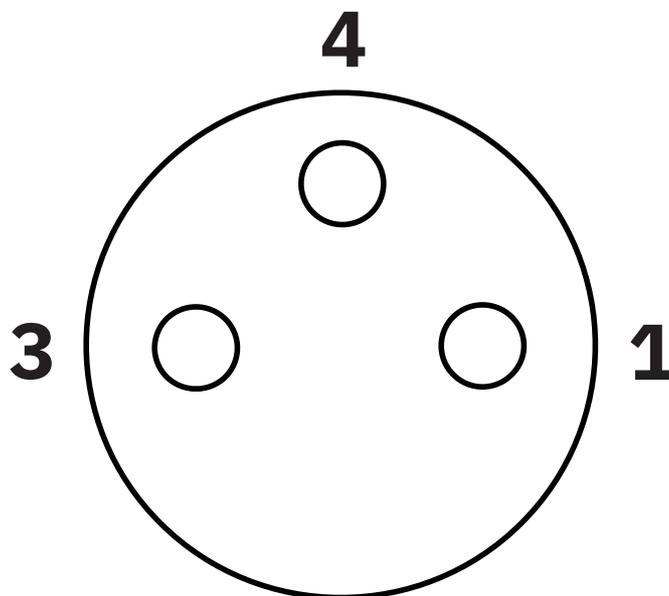
SACB- 6/3-L- 5,0PUR-M8 HD - Distributor box

1197216

<https://www.phoenixcontact.com/ro/produse/1197216>



Schematic diagram



M8 slot, socket, 3-pos.

SACB- 6/3-L- 5,0PUR-M8 HD - Distributor box



1197216

<https://www.phoenixcontact.com/ro/produse/1197216>

Aprobări

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/ro/produse/1197216>

 UL Recognized ID de înregistrare: FILE E 118976				
	Tensiune nominală U_N	Curent nominal I_N	Secțiune transversală AWG	Secțiune transversală mm^2
	24 V	-	-	-

 cUL Recognized ID de înregistrare: FILE E 118976				
	Tensiune nominală U_N	Curent nominal I_N	Secțiune transversală AWG	Secțiune transversală mm^2
	24 V	-	-	-

cULus Recognized				
-------------------------	--	--	--	--

SACB- 6/3-L- 5,0PUR-M8 HD - Distributor box



1197216

<https://www.phoenixcontact.com/ro/produse/1197216>

Clasificări

ECLASS

ECLASS-11.0	27440108
ECLASS-12.0	27440108
ECLASS-13.0	27440108

ETIM

ETIM 9.0	EC002585
----------	----------

UNSPSC

UNSPSC 21.0	31251500
-------------	----------

1197216

<https://www.phoenixcontact.com/ro/produse/1197216>

Environmental product compliance

EU RoHS

Îndeplinește cerințele conform directivei RoHS	Da, Nicio reglementare privind excepțiile
--	---

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	Nu există substanțe periculoase peste valorile limită

EU REACH SVHC

Trimitere la substanța candidată REACH (nr. CAS)	Nicio substanță cu un procentaj masic mai mare de 0,1 %
--	---

SACB- 6/3-L- 5,0PUR-M8 HD - Distributor box



1197216

<https://www.phoenixcontact.com/ro/produse/1197216>

Accesorii

UCT-TM 6 - Marker for terminal blocks

0828736

<https://www.phoenixcontact.com/ro/produse/0828736>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.6 x 10.5 mm, Number of individual labels: 60

PROT-M8 - Screw plug

1682540

<https://www.phoenixcontact.com/ro/produse/1682540>



An M8 screw plug for the unoccupied M8 sockets of the sensor/actuator cable, boxes and flush-type connectors

SACB- 6/3-L- 5,0PUR-M8 HD - Distributor box



1197216

<https://www.phoenixcontact.com/ro/produse/1197216>

WIREFOX-D 40 - Stripping tool

1212161

<https://www.phoenixcontact.com/ro/produse/1212161>



Stripping tool, for stripping cables of 4.5 mm - 40 mm-Ø, insulation thickness of up to 4.5 mm, pivoting blade for round, lengthwise, and spiral cuts

WIREFOX-D 11 - Stripping tool

1212160

<https://www.phoenixcontact.com/ro/produse/1212160>



Stripping tool, for stripping multicore signal, control and fiberglass wires of Ø 2.5 - 11 mm. Insulation thickness up to 1 mm

SACB- 6/3-L- 5,0PUR-M8 HD - Distributor box



1197216

<https://www.phoenixcontact.com/ro/produce/1197216>

WIREFOX 2,5 - Stripping tool

1212368

<https://www.phoenixcontact.com/ro/produce/1212368>



Stripping tool, for conductors and cables with a conductor cross section from 0.08 to 2.5 mm, self-adjusting, stripping length adjustable up to 15 mm, cutting capacity up to 6 mm² stranded/1.5 mm² solid

TSD 02 SAC - Torque screwdriver

1208487

<https://www.phoenixcontact.com/ro/produce/1208487>



Torque screwdriver, with preset torque of 0.2 Nm and 4 mm hexagonal drive for M8 connectors

SACB- 6/3-L- 5,0PUR-M8 HD - Distributor box



1197216

<https://www.phoenixcontact.com/ro/produse/1197216>

SAC BIT M8-D10 - Tool

1208461

<https://www.phoenixcontact.com/ro/produse/1208461>



Nut for assembling M8 connectors with longitudinal knurl and a knurl diameter of 10 mm, for 4 mm hexagonal drive

SACC BIT M8-D12 - Tool

1208474

<https://www.phoenixcontact.com/ro/produse/1208474>



Nut for assembling M8 connectors with longitudinal knurl and a knurl diameter of 12 mm, for 4 mm hexagonal drive

Phoenix Contact 2024 © - Toate drepturile rezervate
<https://www.phoenixcontact.com>

PHOENIX CONTACT România
Splaiul Unirii 165 Timpuri Noi Square TNO1, Etaj 1
Bucuresti 030133
+40 21 350 88 12 - 3
sales.ro@phoenixcontact.com