

SACB-4/ 8-SC SCO P - Distributor box



1452932

<https://www.phoenixcontact.com/us/products/1452932>

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, application: Standard, connection method: M12 socket Plastic, number of slots: 4, number of positions: 5, coding: A, slot assignment: Double, status display: no, Universal; master cable connection: Spring-cage connection 180°, shielding: no

Your advantages

- Safety in the field, thanks to molded housing and high degree of protection
- Save space: distributor box with double occupancy for two sensors in one slot
- Save time, thanks to installation with SPEEDCON fast locking system
- Flexible: distributor box with connector hood for on-site assembly

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1452932 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF41 |
| Product key | AF3CBC |
| GTIN | 4046356553551 |
| Weight per piece (including packing) | 158.3 g |
| Weight per piece (excluding packing) | 155.7 g |
| Customs tariff number | 85366990 |
| Country of origin | DE |

SACB-4/ 8-SC SCO P - Distributor box



1452932

<https://www.phoenixcontact.com/us/products/1452932>

Technical data

Product properties

| | |
|---------------------|-----------------|
| Product type | Distributor box |
| Application | Standard |
| Number of positions | 5 |
| Number of slots | 4 |
| Coding | A |
| LED | no |

Electrical properties

| | |
|---|----------|
| Nominal voltage U_N | 120 V AC |
| | 120 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

| | |
|--|---|
| Sensor/actuator connection system | M12 socket |
| Conductor cross-section Flexible signal line | 0.2 mm ² ... 0.5 mm ² |
| Conductor cross-section Flexible power supply | 0.2 mm ² ... 1.5 mm ² |
| Connection cross section AWG Flexible signal line | 24 ... 20 |
| Connection cross section AWG Flexible power supply | 24 ... 16 |
| Stripping length Signal line | 6 mm |
| Stripping length Power supply | 10 mm |
| Stripping length of the sheath | 50 mm (Master cable) |
| Tightening torque, cover screw | 1 Nm |
| Tightening torque slot sensor/actuator cable | 0.4 Nm |
| Tightening torque of mounting screw for fixing the housing | 0.5 Nm |
| Tightening torque, union nut | 2.5 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 (+ 120 V) = BN |
| | 1-4 / 3 (0 V) = BU |

SACB-4/ 8-SC SCO P - Distributor box



1452932

<https://www.phoenixcontact.com/us/products/1452932>

1-4 / 5 (PE) = GNYE

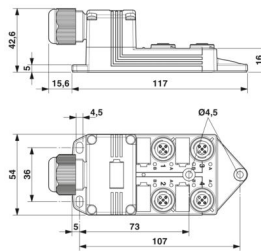
Signaling

Status display present

no

Dimensions

Dimensional drawing



Width

54 mm

Height

42 mm

Length

117 mm

Material specifications

Material Threaded sleeve

PBT

Material Housing

PBT

Material Molding compound

PUR

Flammability rating according to UL 94

V0

Seal material O-ring

NBR

Contact material

Cu alloy

Contact surface material

gold-plated

Contact carrier material

PA

Cable/line

External cable diameter

7 mm ... 12 mm

Connection method

Spring-cage connection

Environmental and real-life conditions

Ambient conditions

Degree of protection

IP65

IP67

Ambient temperature (operation)

-25 °C ... 80 °C

Standards and regulations

Standard designation

M12 connector

Standards/specifications

IEC 61076-2-101

SACB-4/ 8-SC SCO P - Distributor box

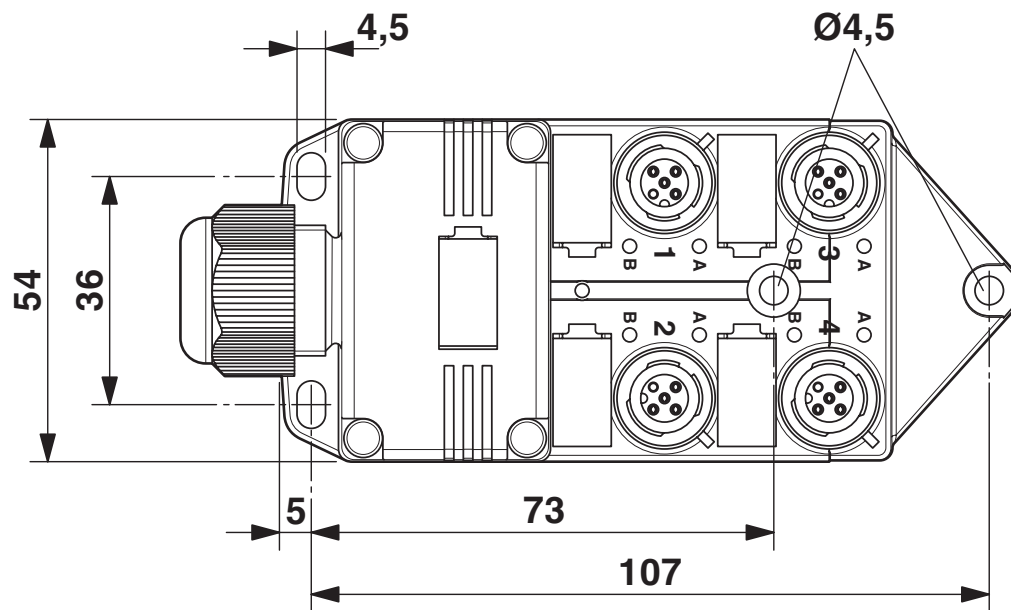
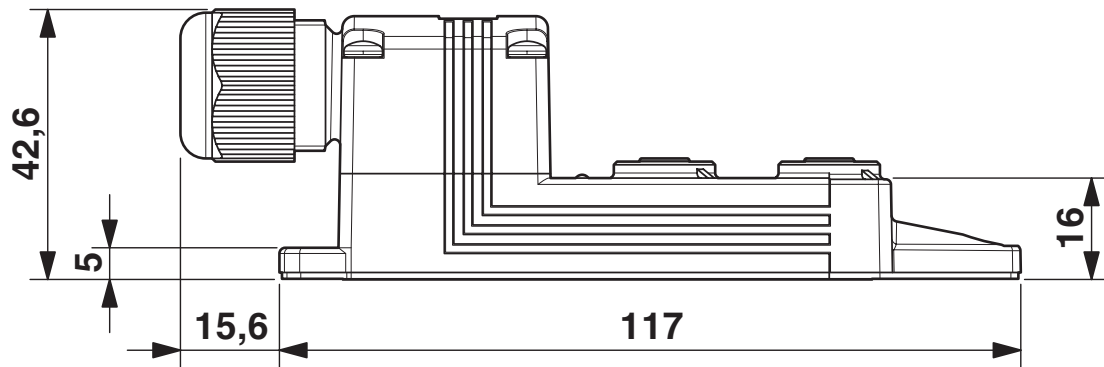


1452932

<https://www.phoenixcontact.com/us/products/1452932>

Drawings

Dimensional drawing



SACB-4/ 8-SC SCO P - Distributor box

1452932

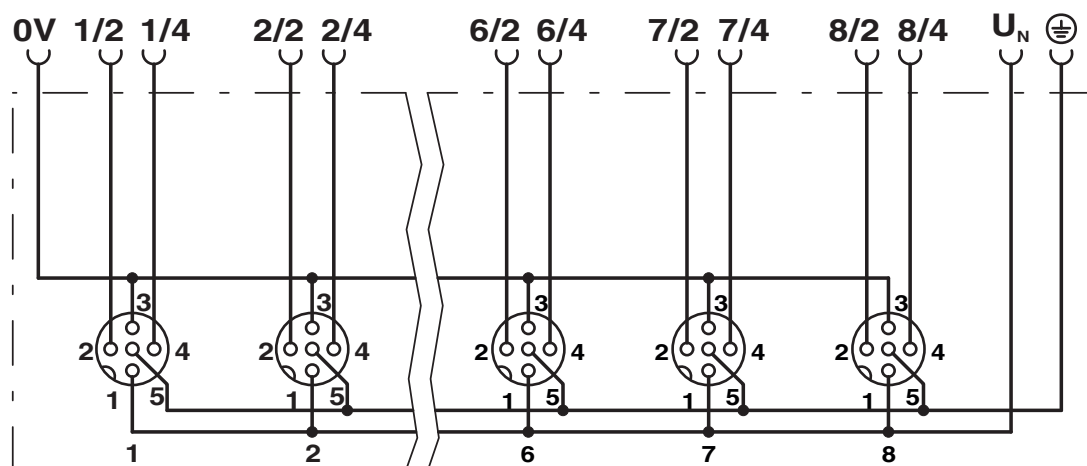
<https://www.phoenixcontact.com/us/products/1452932>

Schematic diagram



M12 slot, socket, 5-pos.

Circuit diagram



SACB-4/ 8-SC SCO P - Distributor box





1452932

<https://www.phoenixcontact.com/us/products/1452932>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1452932>

|  cUL Recognized Approval ID: E118976 | | | | |
|---|-----------------------|-----------------------|-------------------|----------------------|
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| keine | | | | |
| | 120 V | - | - | - |

|  UL Recognized Approval ID: E118976 | | | | |
|--|-----------------------|-----------------------|-------------------|----------------------|
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| keine | | | | |
| | 120 V | - | - | - |

SACB-4/ 8-SC SCO P - Distributor box



1452932

<https://www.phoenixcontact.com/us/products/1452932>

Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27440111 |
| ECLASS-15.0 | 27440111 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC003558 |
|-----------|----------|

UNSPSC

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

SACB-4/ 8-SC SCO P - Distributor box



1452932

<https://www.phoenixcontact.com/us/products/1452932>

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