

SACB-8Q/4P-L-SC - Distributor box



1662955

<https://www.phoenixcontact.com/it/products/1662955>

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: QUICKON, 0.34 mm² ... 0.75 mm², number of slots: 8, number of positions: 4, slot assignment: single, status display: Yes, pnp; master cable connection: Spring-cage connection 180°, shielding: no

Your advantages

- Safety in the field, thanks to molded housing and high degree of protection
- Convenient: increased machine availability thanks to quick and easy diagnostics
- Innovative and time-saving assembly with insulation displacement connection
- Flexible: distributor box with connector hood for on-site assembly

Commercial data

Item number	1662955
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	BF3
Product key	BF3DBC
Catalog page	Page 267 (C-2-2019)
GTIN	4017918137472
Weight per piece (including packing)	321.6 g
Weight per piece (excluding packing)	308 g
Customs tariff number	85366990
Country of origin	PL

SACB-8Q/4P-L-SC - Distributor box



1662955

<https://www.phoenixcontact.com/it/products/1662955>

Technical data

Notes

General	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.
General	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
Number of positions	4
Application	Standard
Number of slots	8
LED	yes

System properties

Local diagnostics

Monitored function	Supply voltage per module
Optical representation	Green LED

Electrical properties

Max. operating voltage U_{max}	30 V DC
Local diagnostics	Supply voltage per module Green LED
	Status display I/O Yellow LED
Nominal voltage U_N	24 V DC
Rated current, total	12 A
Max. current carrying capacity per path	4 A
Current carrying capacity per slot	4 A

Connection data

Conductor connection

Connection method	Spring-cage connection
Stripping length	10 mm
Conductor cross section Flexible signal line	0.14 mm ² ... 1 mm ²
Conductor cross section Flexible power supply	0.2 mm ² ... 1.5 mm ²
Connection cross section AWG Flexible signal line	26 ... 17
Connection cross section AWG Flexible power supply	24 ... 16

Pin assignment

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

SACB-8Q/4P-L-SC - Distributor box

1662955

<https://www.phoenixcontact.com/it/products/1662955>



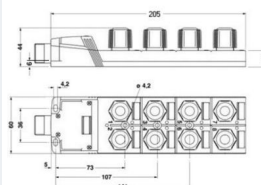
4 / 4 (A) = 4 / 4
5 / 4 (A) = 5 / 4
6 / 4 (A) = 6 / 4
7 / 4 (A) = 7 / 4
8 / 4 (A) = 8 / 4
1-8 / 1 (+ 24 V) = U _N
1-8 / 3 (0 V) = 0 V
1-8 / 5 (PE) = PE

Signaling

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

Dimensions

Dimensional drawing



Width	60 mm
Height	44 mm
Length	205 mm
Wrench size, union nut	22 mm

Material specifications

Material Housing	PA
Material Molding compound	PUR
Flammability rating according to UL 94	V0
Contact material	Steel/copper
Contact surface material	Sn
Contact carrier material	PA 6.6
Material of contact, master cable side	CuZn
Material of the contact carrier on the master cable side	PA 6.6 V0
Material of contact surface, master cable side	NiSn

Conductor data

Wire insulation material	PVC / PE
--------------------------	----------

Cable/line

Sensor/actuator connection system	QUICKON
Connection method	Spring-cage connection
External cable diameter	6.5 mm ... 9.5 mm
Stripping length (signal)	10 mm

SACB-8Q/4P-L-SC - Distributor box



1662955

<https://www.phoenixcontact.com/it/products/1662955>

Stripping length for sheath	70 mm (Master cable)
Tightening torque, union nut	2.5 Nm

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65
	IP67
Ambient temperature (operation)	-25 °C ... 60 °C
	-25 °C ... 50 °C (when the conductor is connected. Specifications of the cable manufacturer must also be observed.)

SACB-8Q/4P-L-SC - Distributor box

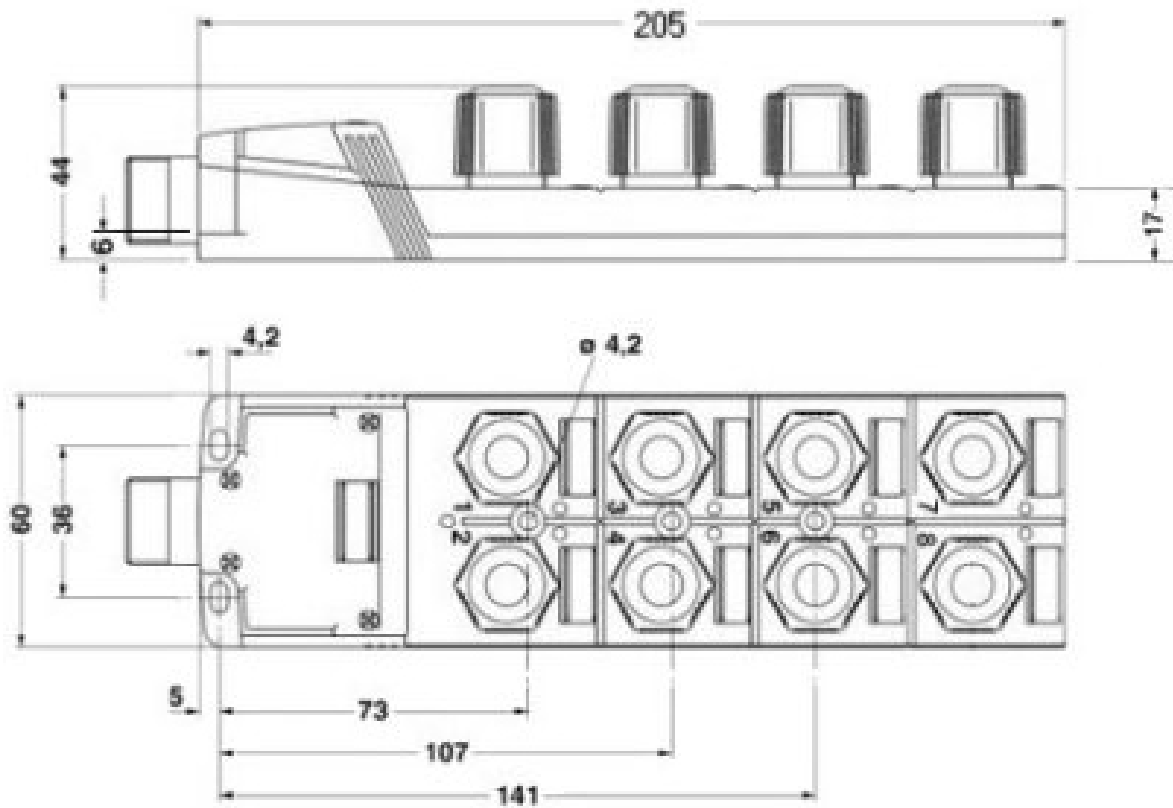


1662955

<https://www.phoenixcontact.com/lt/products/1662955>

Drawings

Dimensional drawing

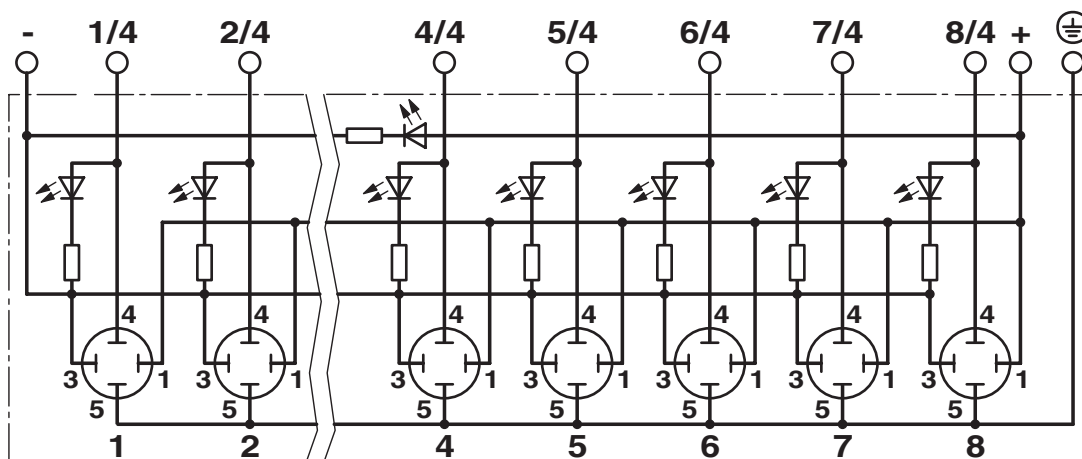


SACB-8Q/4P-L-SC - Distributor box

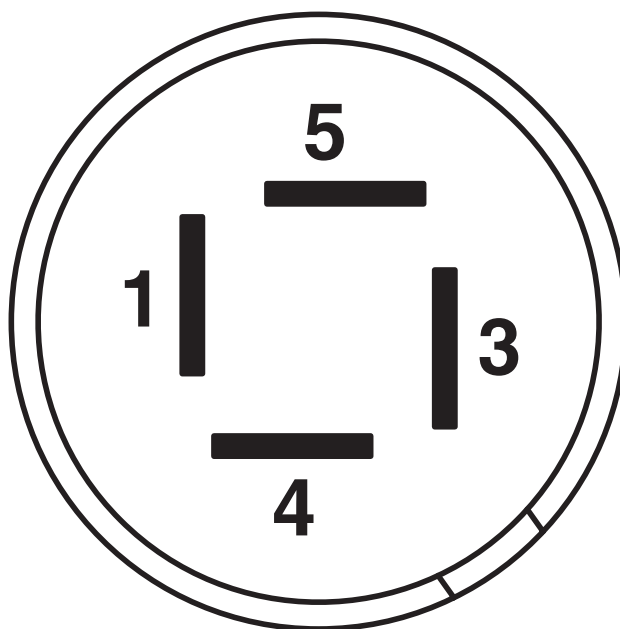
1662955

<https://www.phoenixcontact.com/it/products/1662955>

Circuit diagram



Schematic diagram



QUICKON connection, 4-pos.

SACB-8Q/4P-L-SC - Distributor box



1662955

<https://www.phoenixcontact.com/it/products/1662955>

Classifications

ECLASS

ECLASS-11.0	27440111
ECLASS-13.0	27440111

UNSPSC

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

SACB-8Q/4P-L-SC - Distributor box



1662955

<https://www.phoenixcontact.com/lt/products/1662955>

Environmental product compliance

China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact UAB
Svitrigailos str. 11B
03228 Vilnius
+370 5 2106321
balticinfo@phoenixcontact.com