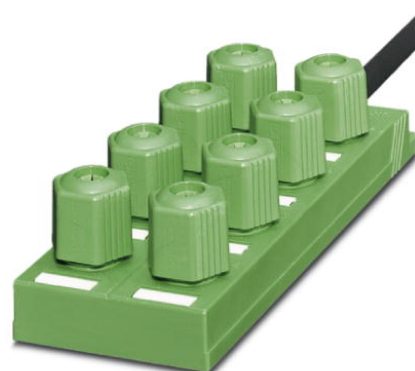


SACB-8Q/4P- 5,0PUR

Order No.: 1683701



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1683701>

Sensor/actuator box, complete, without LED, master cable, marker
and QUICKON sets

Commercial data

EAN	4017918171063
Pack	1 Pcs.
Customs tariff	85366990
Weight/Piece	0.846 KG
Catalog page information	Page 114 (PC-2007)

Product notes

WEEE/RoHS-compliant since:
02/09/2006



[http://
www.download.phoenixcontact.com](http://www.download.phoenixcontact.com)
Please note that the data given
here has been taken from the
online catalog. For comprehensive
information and data, please refer
to the user documentation. The
General Terms and Conditions of
Use apply to Internet downloads.

Technical data

General data

Nominal voltage U_N	120 V
Max. operating voltage U_{max}	135 V
Max. current carrying capacity per path	4 A
Current carrying capacity per slot	4 A
SACB total current	12 A

Number of positions	4
Number of slots	8
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.)
Sensor/actuator connection system	QUICKON

Master cable data

Ambient temperature (operation)	-40 °C ... 90 °C (for fixed installation)
	-5 °C ... 80 °C (for flexible installation)
Power supply cross section, stranded	3x 0.75 mm ²
Signal line cross section, stranded	8x 0.34 mm ²
Conductor structure, voltage supply	96x 0.10 mm
Conductor structure, signal line	42x 0.10 mm
Cable type	Master cable suitable for flexible cable conduit
Length of cable	5 m
Traversing path	2 m
Traversing rate	2 m/s
Max. bending cycles	1500000
Bending radius	95 mm
External diameter	9.2 mm
Type of connection	Fixed connection
AWG power supply	18
AWG signal line	22

Conductor data

Structure of individual litz in acc. with VDE 0295 / smallest wire diameter	Class 2-6 // 0.34 mm ² : 0.1 mm; 0.5 - 0.75 mm ² : 0.15 mm
Wire insulation material	PVC/PE
Wire diameter including insulation	≤ 2.5 mm
Minimum external conductor diameter	4 mm
Maximum external conductor diameter	7.5 mm
Tightening torque, union nut	2.5 Nm
Wrench size, union nut	22 mm
Note on the frequency of connections	if the conductor is connected more than once, seal and cap may need to be replaced.

Conductor cross section stranded max.	0.75 mm ²
Conductor cross section stranded min.	0.34 mm ²
Conductor cross section AWG/kcmil min.	22
Conductor cross section AWG/kcmil max	18

Insulation material

Inflammability class acc. to UL 94	V0
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Certificates / Approvals



CUL

Nominal voltage U _N	120 V
AWG/kcmil	22-16

UL

Nominal voltage U _N	120 V
AWG/kcmil	22-16
Certification	CUL, GOST, UL

Accessories

Item	Designation	Description
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Assembly

1670743	Q SET-11/4 COD1 SACB-Q	QUICKON Set, consisting of nut, cap, seal and splice ring as a replacement
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Closing cap

1670235	Q-PROT 9/11	Closing cap for PG9/PG11 to close unoccupied connections
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Marking

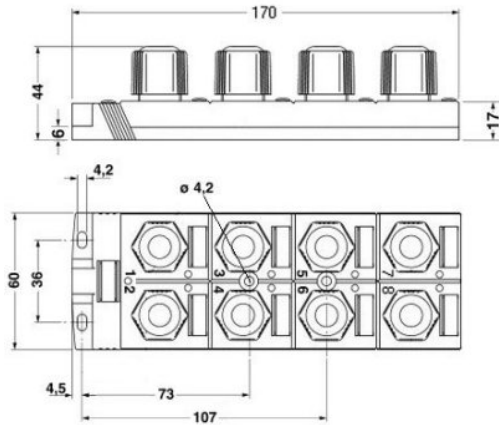
2809128	ZBN 18:UNBEDRUCKT	Unprinted marker labels, strips with 5 labels for individual labeling with M-PEN or CMS system, for terminal block width: 17.5 mm, color: White
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Tools

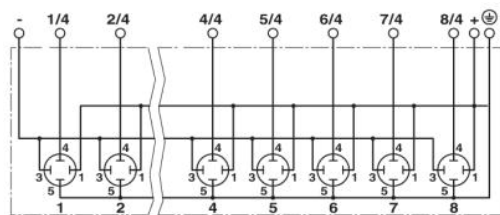
1670206	QSS 22	Allen wrench, for loosening and fastening the QUICKON union nut, WAF 22 mm
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Drawings

Dimensioned drawing

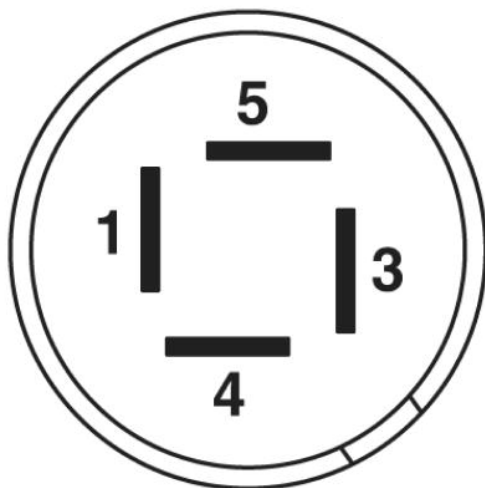


Circuit diagram



Schematic diagram

QUICKON connection, 4-pos.



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