

# SACB-6-SH PARA - Distributor box



1511792

<https://www.phoenixcontact.com/us/products/1511792>

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The figure shows a version with 8 slots

Distributor box, connection method: M12 socket Metal, number of slots: 6, number of positions: 5, coding: A, slot assignment: parallel, status display: no, Universal, shielding: yes

## Commercial data

Item number	1511792
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BF43
Product key	AF3CDF
GTIN	4017918908133
Weight per piece (including packing)	358.4 g
Weight per piece (excluding packing)	328.7 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### Notes

Assembly note	<b>NOTE:</b> Observe the permissible bending radii when routing cables, since the degree of protection may be at risk if the bending forces are too high. Reduce 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
Number of positions	5
Number of slots	6
Coding	A

### Electrical properties

Nominal voltage $U_N$	48 V
	60 V DC
Rated current, total	3 A
Max. current carrying capacity per path	3 A
Current carrying capacity per slot	3 A

### Connection data

#### Conductor connection

Sensor/actuator connection system	M12 socket
Tightening torque slot sensor/actuator cable	0.4 Nm

### Signaling

Status display present	no
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### Dimensions

Width	61 mm
Height	24 mm
Length	129 mm

### Material specifications

Material Housing	Aluminum
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

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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP65
	IP67
Ambient temperature (operation)	-25 °C ... 70 °C

## Standards and regulations

Standard designation	M12 connector
Standards/specifications	IEC 61076-2-101

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## Drawings

Schematic diagram



M12 slot, socket, 5-pos.

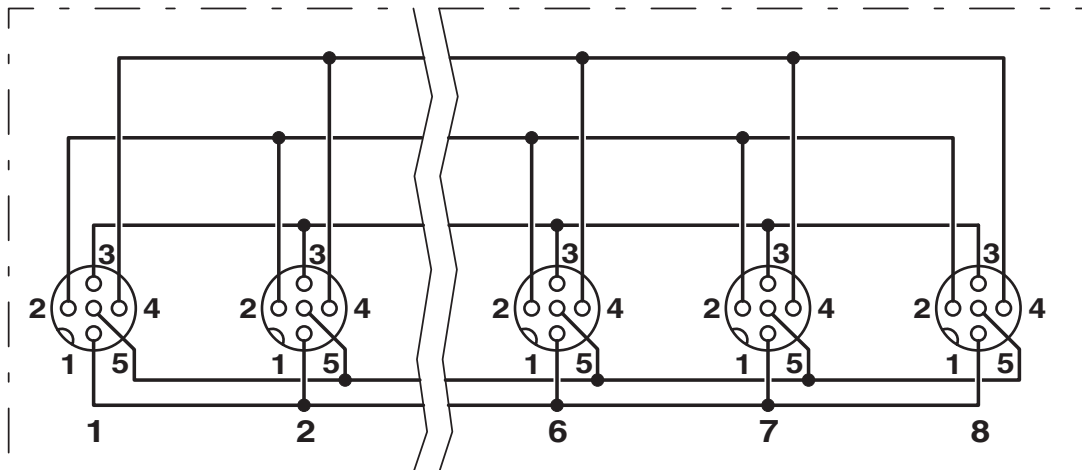
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Circuit diagram



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## Classifications

### ECLASS

ECLASS-13.0	27440111
ECLASS-15.0	27440111

### UNSPSC

UNSPSC 21.0	31251501
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## Environmental product compliance

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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