

SACB-6/ 6-M23 180 - Distributor box



1692750

<https://www.phoenixcontact.com/us/products/1692750>

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: 6, number of positions: 4, coding: A, slot assignment: single, status display: no, Universal; master cable connection: M23 plug connection 180°, shielding: no

Your advantages

- Safety in the field, thanks to molded housing and high degree of protection

Commercial data

Item number	1692750
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BF41
Product key	AF3CBB
GTIN	4017918177829
Weight per piece (including packing)	126.5 g
Weight per piece (excluding packing)	126.5 g
Customs tariff number	85366990
Country of origin	DE

SACB-6/ 6-M23 180 - Distributor box



1692750

<https://www.phoenixcontact.com/us/products/1692750>

Technical data

Product properties

Product type	Distributor box
Application	Standard
Number of positions	4
Number of slots	6
Coding	A
LED	no

Electrical properties

Max. operating voltage U_{max}	135 V
Nominal voltage U_N	120 V
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
Tightening torque slot sensor/actuator cable	0.4 Nm

Connection assignment

Slot/position = Wire color or connection	1 / 4 (A) = 1
	2 / 4 (A) = 2
	3 / 4 (A) = 3
	4 / 4 (A) = 4
	5 / 4 (A) = 5
	6 / 4 (A) = 6
	1-4 / 1 (+ 120 V) = 11
	1-4 / 3 (0 V) = 9+10
1-4 / 5 (PE) = 12	

Signaling

Status display present	no
------------------------	----

Dimensions

Dimensional drawing	
---------------------	--

SACB-6/ 6-M23 180 - Distributor box



1692750

<https://www.phoenixcontact.com/us/products/1692750>

Width	54 mm
Height	34 mm
Length	129 mm

Material specifications

Material Threaded sleeve	PA
Material Housing	PA
Flammability rating according to UL 94	V0
Seal material O-ring	NBR
Contact material	CuSn
Contact surface material	Ni/Au
Contact carrier material	PA
Material of contact, master cable side	CU alloy
Material of contact surface, master cable side	gold-plated

Cable/line

Connection method	M23 plug connection
-------------------	---------------------

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65
	IP67
Ambient temperature (operation)	-20 °C ... 75 °C

SACB-6/ 6-M23 180 - Distributor box

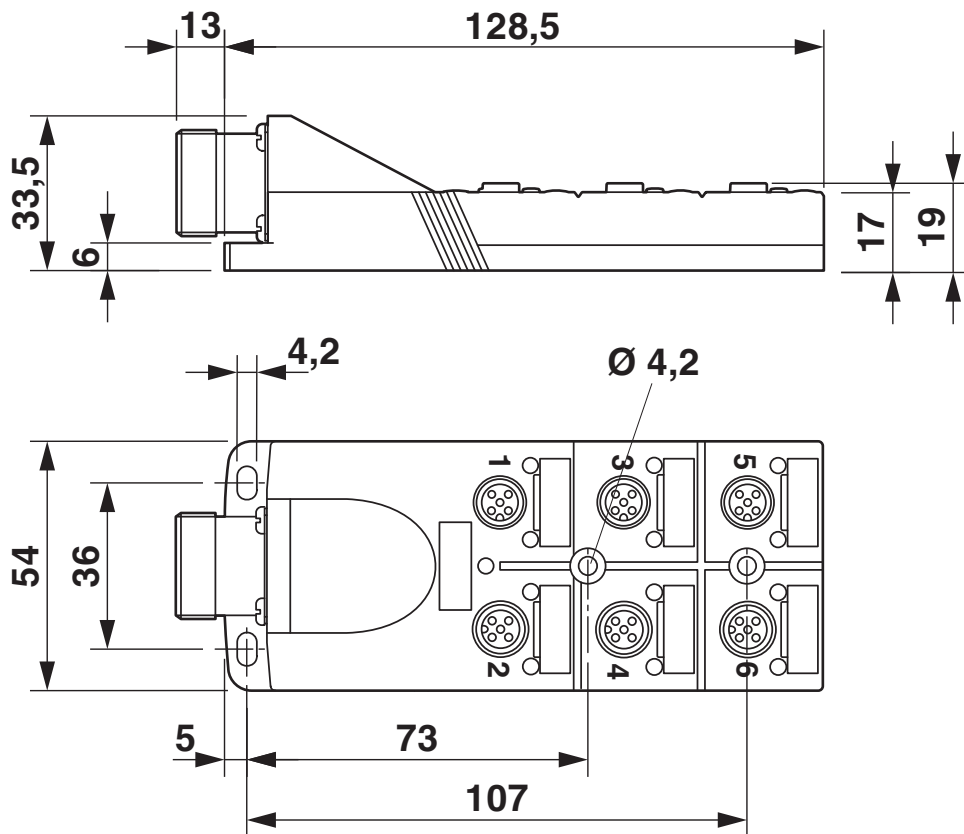


1692750

<https://www.phoenixcontact.com/us/products/1692750>

Drawings

Dimensional drawing



SACB-6/ 6-M23 180 - Distributor box

1692750

<https://www.phoenixcontact.com/us/products/1692750>

Schematic diagram



M12 slot, socket, 4-pos.

Schematic diagram



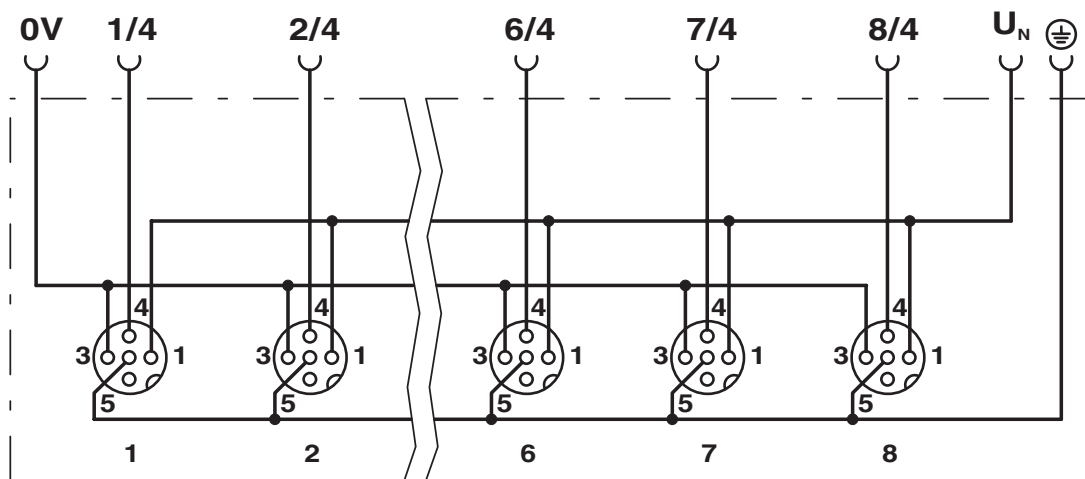
M23 plug connection pin, 12-pos.

SACB-6/ 6-M23 180 - Distributor box

1692750

<https://www.phoenixcontact.com/us/products/1692750>

Circuit diagram



SACB-6/ 6-M23 180 - Distributor box



1692750

<https://www.phoenixcontact.com/us/products/1692750>

Classifications

ECLASS

ECLASS-13.0	27440111
ECLASS-15.0	27440111

SACB-6/ 6-M23 180 - Distributor box



1692750

<https://www.phoenixcontact.com/us/products/1692750>

Environmental product compliance

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