

SACB-8/ 8-L- 2,0PUR M23FS BK - Distributor box



1572359

<https://www.phoenixcontact.com/us/products/1572359>

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Distributor box, number of slots: 8, number of positions: 4, coding: A, slot assignment: single, status display: yes, PNP; master cable connection: Fixed connection 180°, PUR/PVC, cable length: 5 m, shielding: no

As shown in the illustration but with a black housing

Commercial data

Item number	1572359
Packing unit	50 pc
Minimum order quantity	50 pc
Note	Made to order (non-returnable)
Sales key	BF42
Product key	AF3CCA
GTIN	4046356466837
Weight per piece (including packing)	629.4 g
Weight per piece (excluding packing)	629.4 g
Customs tariff number	85444290
Country of origin	DE

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Technical data

Product properties

Product type	Distributor box
Number of positions	4
Number of slots	8
Coding	A

System properties

Local diagnostics

Monitored function	Supply voltage
Optical representation	Green LED

Electrical properties

Max. operating voltage U_{max}	30 V DC
Local diagnostics	Supply voltage 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	2 A
Current carrying capacity per slot	4 A

Connection data

Conductor connection

Tightening torque slot sensor/actuator cable	0.4 Nm
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Connection assignment

Slot/position = Wire color or connection	1 / 4 (A) = WH
	2 / 4 (A) = GN
	3 / 4 (A) = YE
	4 / 4 (A) = GY
	5 / 4 (A) = PK
	6 / 4 (A) = RD
	7 / 4 (A) = BK
	8 / 4 (A) = VT
	1-8 / 1 (+ 24 V) = BN
	1-8 / 3 (0 V) = BU
1-8 / 5 (PE) = GNYE	

Signaling

Status display present	yes
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Material specifications

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Material Threaded sleeve	Die-cast zinc
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

Cable length	5 m
Cable type	Master cable suitable for flexible cable conduit
Connection method	Fixed connection
Outside diameter	9.2 mm
Conductor cross-section signal conductor	8x 0.34 mm ²
Conductor structure signal line	42x 0.10 mm
AWG signal line	22
Conductor structure, voltage supply	96x 0.10 mm
AWG power supply	19
Number of bending cycles	1500000
Traversing rate	2 m/s
Traversing path	2 m
Ambient temperature (operation)	-40 °C ... 90 °C (for fixed installation) -5 °C ... 80 °C (for flexible installation)

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65 IP67 IP69K
Ambient temperature (operation)	-30 °C ... 90 °C

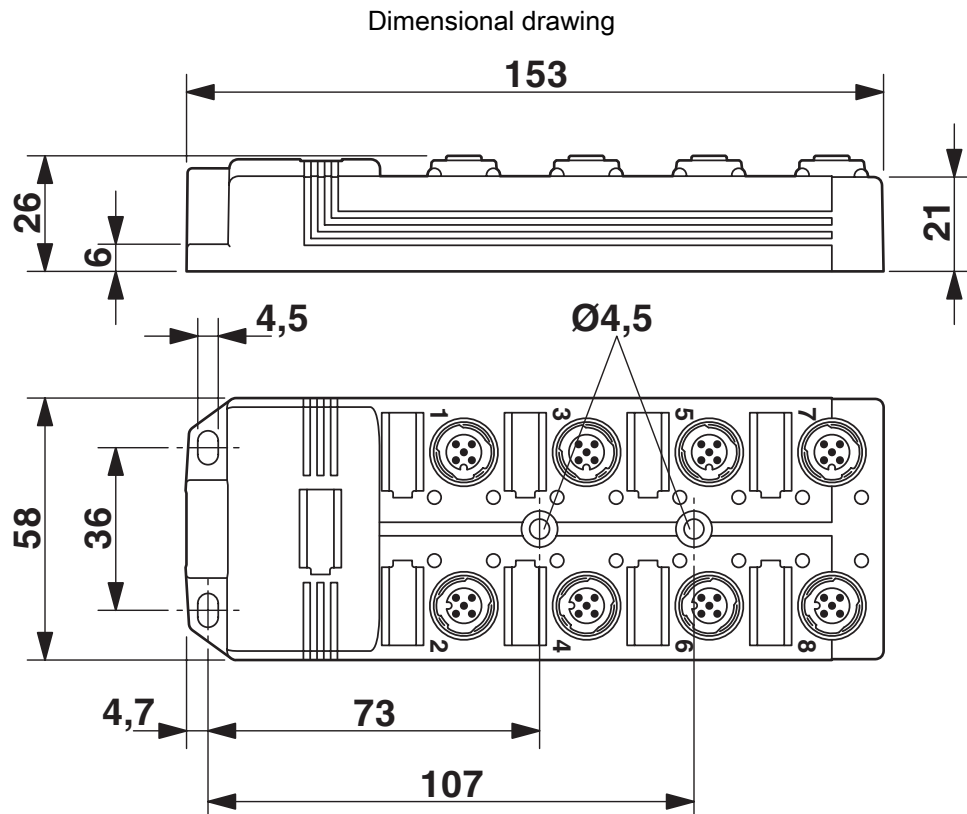
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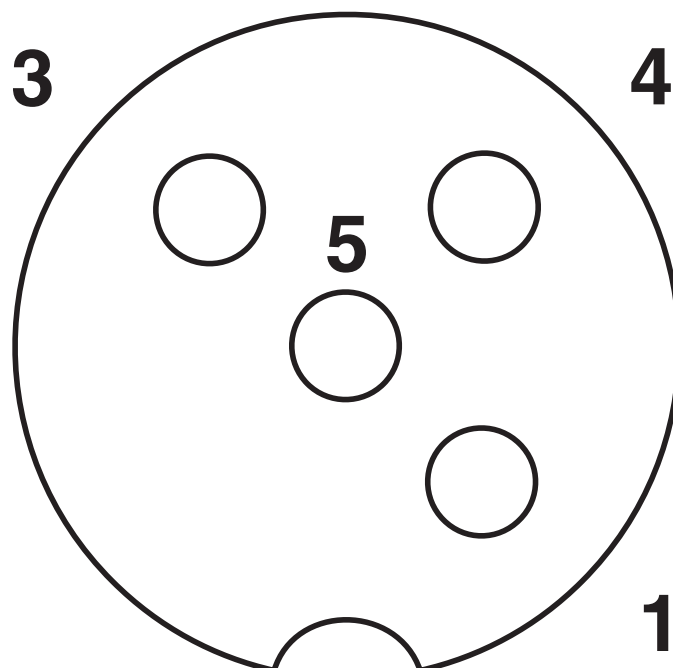
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Drawings



Schematic diagram



M12 slot, socket, 4-pos.

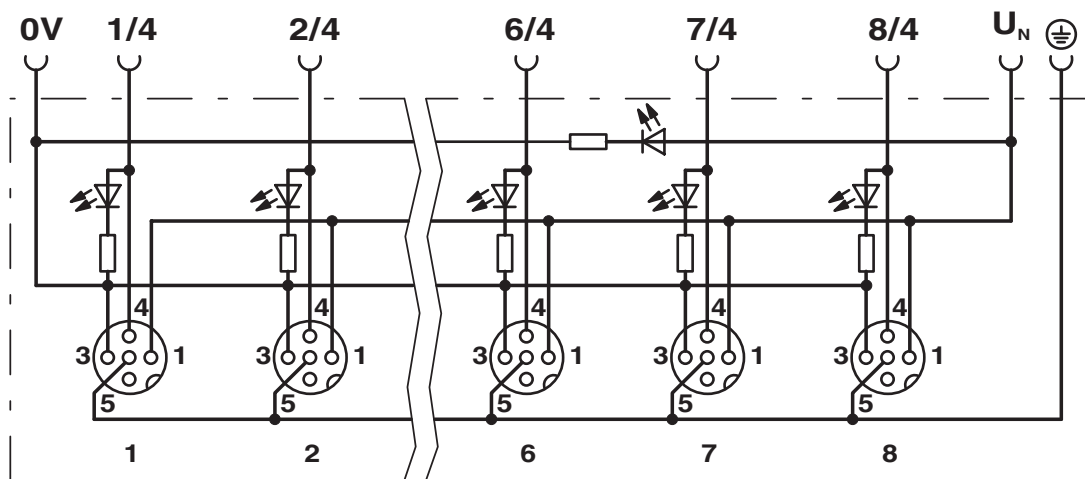
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Circuit diagram



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Classifications

ECLASS

ECLASS-13.0	27440108
ECLASS-15.0	27440108

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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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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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