

SACB-6/ 6-L-C GG SCO - Distributor box header



1516742

<https://www.phoenixcontact.com/us/products/1516742>

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Distributor box header, application: Standard, extended requirements, connection method: M12 socket Metal, number of slots: 6, number of positions: 4, coding: A, slot assignment: single, status display: yes, PNP; master cable connection: Pluggable screw connection, shielding: no

Commercial data

Item number	1516742
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF42
Product key	AF3CCD
GTIN	4017918967475
Weight per piece (including packing)	245.8 g
Weight per piece (excluding packing)	215.3 g
Customs tariff number	85366990
Country of origin	DE

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Height	26 mm
Length	126 mm

Material specifications

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
Material of contact, master cable side	CU alloy
Material of the contact carrier on the master cable side	PA 6.6 V0
Material of contact surface, master cable side	gold-plated

Cable/line

Connection method	Pluggable screw connection
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65
	IP67
	IP69K
Ambient temperature (operation)	-30 °C ... 80 °C

Standards and regulations

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

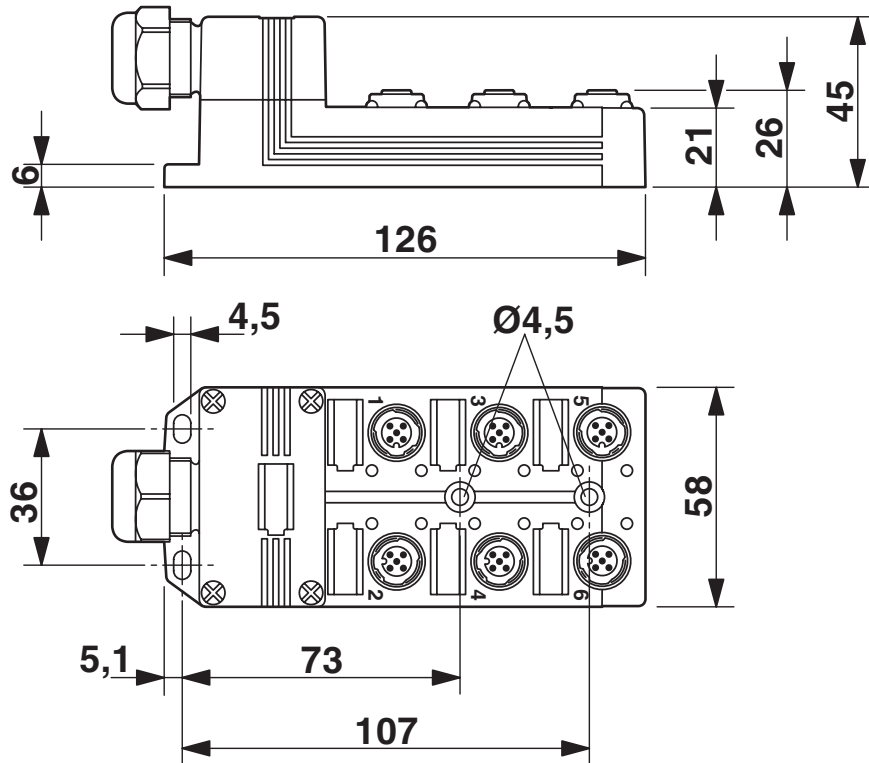
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1516742

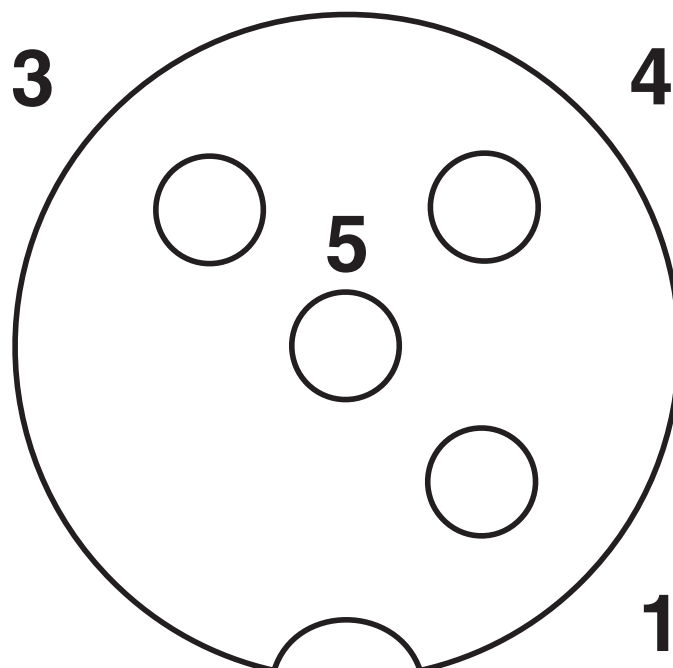
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Drawings

Dimensional drawing



Schematic diagram



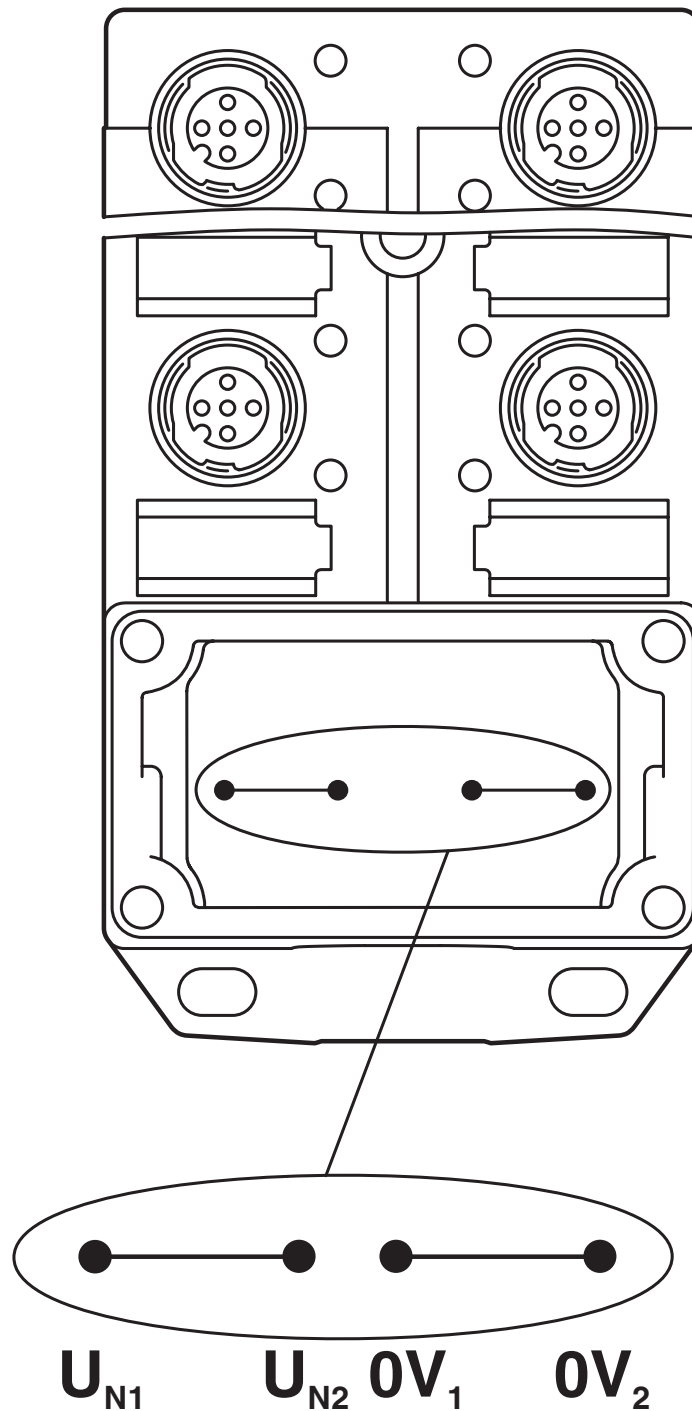
M12 slot, socket, 4-pos.

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1516742

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Schematic diagram



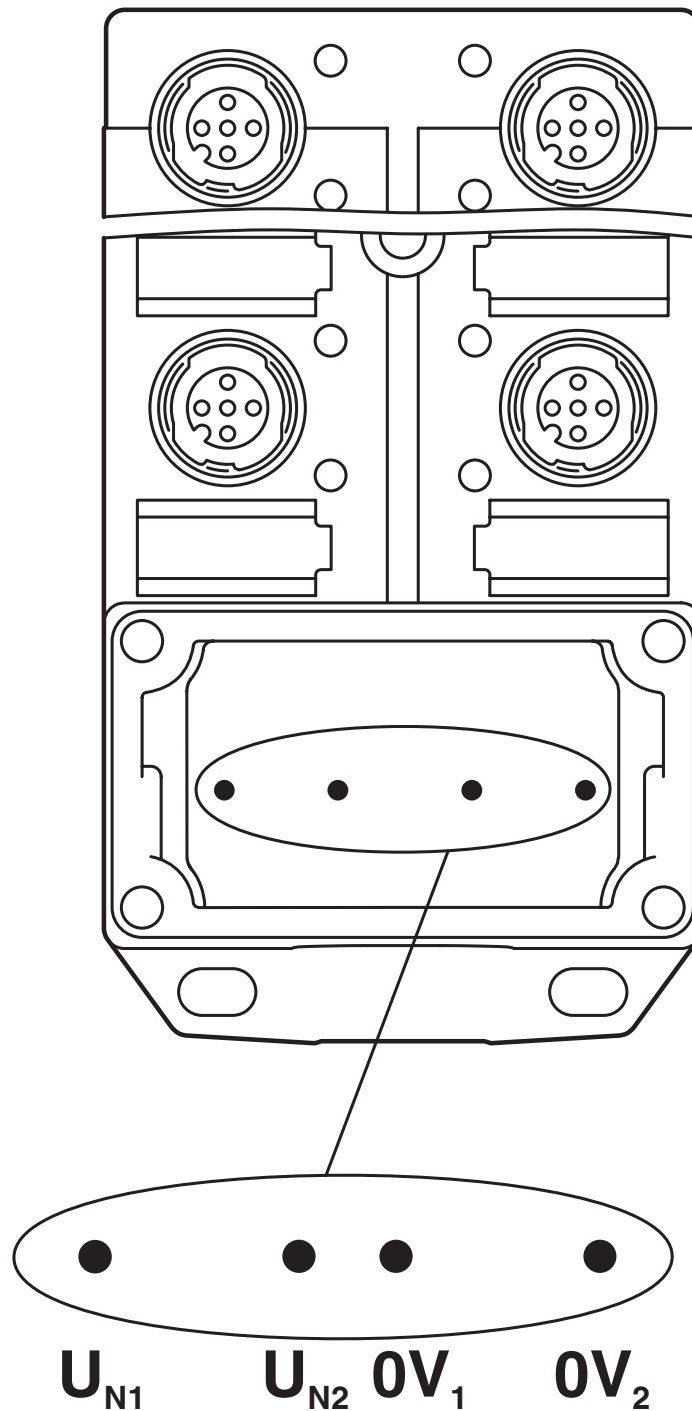
Potential U_{N1} and U_{N2} bridged. Potential assignment: $U_{N1} = U_{N2} =$ slots 1,2,3,4,5,6.

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1516742

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Schematic diagram



Electrically isolated. Potential assignment: U_{N1} = slots 1,3,5 and U_{N2} = slots 2,4,6.

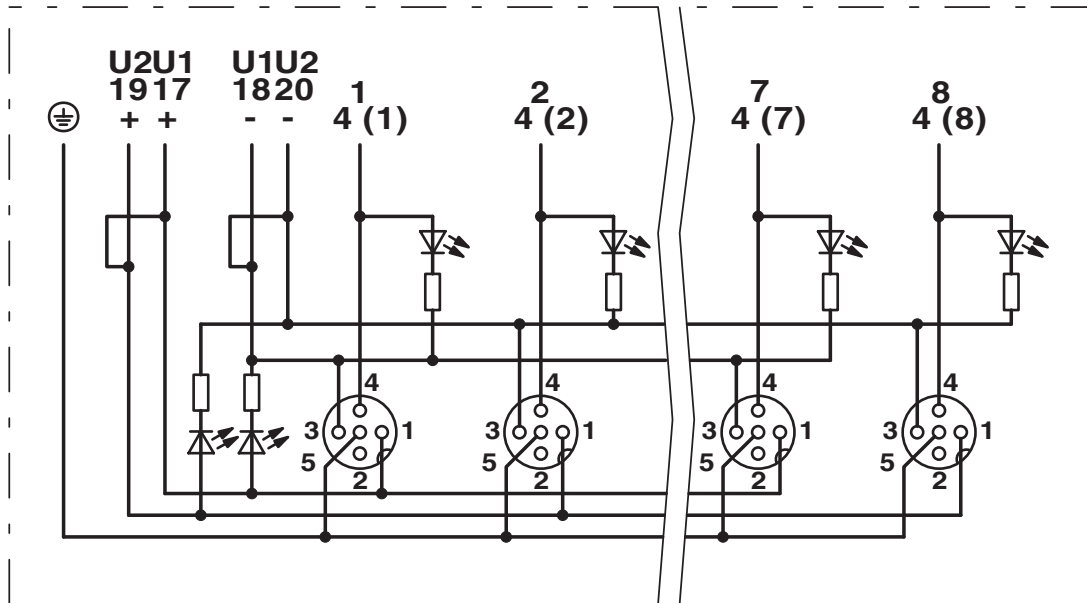
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Circuit diagram



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1516742>

 cUL Recognized Approval ID: E118976				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	24 V	3 A	-	-

 UL Recognized Approval ID: E118976				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	24 V	3 A	-	-

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Classifications

ECLASS

ECLASS-13.0	27440111
ECLASS-15.0	27440111

ETIM

ETIM 10.0	EC003558
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UNSPSC

UNSPSC 21.0	31251500
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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-E
	No hazardous substances above the limits

EU REACH SVHC

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