

SACB- 4/3-L-M16-M8 HD - Distributor box



1197406

<https://www.phoenixcontact.com/us/products/1197406>

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: M8 socket Metal, number of slots: 4, number of positions: 3, coding: A, slot assignment: single, status display: yes, PNP; master cable connection: M16 plug connection 90°, shielding: no

Your advantages

- Safety in the field, thanks to molded housing and high degree of protection
- Convenient: increased machine availability thanks to quick and easy diagnostics

Commercial data

Item number	1197406
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF40
Product key	AF3BCB
GTIN	4063151256821
Weight per piece (including packing)	102 g
Weight per piece (excluding packing)	22.22 g
Customs tariff number	85444290
Country of origin	DE

SACB- 4/3-L-M16-M8 HD - Distributor box



1197406

<https://www.phoenixcontact.com/us/products/1197406>

Technical data

Notes

Assembly note	NOTE: 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
Application	Standard
Number of positions	3
Number of slots	4
Coding	A
LED	yes

System properties

Local diagnostics

Monitored function	Supply voltage per module
Optical representation	Green LED

Electrical properties

Max. operating voltage U_{max}	30 V DC
Local diagnostics	Supply voltage per module Green LED
	Status display I/O Yellow LED
Nominal voltage U_N	24 V DC
Rated current, total	6 A
Max. current carrying capacity per path	2 A
Current carrying capacity per slot	2 A

Connection data

Conductor connection

Sensor/actuator connection system	M8 socket
Tightening torque slot sensor/actuator cable	0.2 Nm
Tightening torque - master cable - plug connection	1.5 Nm
Tightening torque of mounting screw for fixing the housing	0.8 Nm

Connection assignment

Slot/position = Wire color or connection	1 / 4 (A) = P
	2 / 4 (A) = J
	3 / 4 (A) = T
	4 / 4 (A) = S

SACB- 4/3-L-M16-M8 HD - Distributor box



1197406

<https://www.phoenixcontact.com/us/products/1197406>

1-4 / 1 (+ 24 V) = A+M

1-4 / 3 (0 V) = L+U

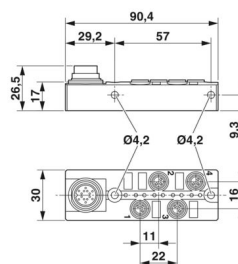
Signaling

Status display present

yes

Dimensions

Dimensional drawing



Width

30 mm

Height

27 mm

Length

90.4 mm

Material specifications

Material Threaded sleeve

Cu alloy

Material Housing

PBT

Material Molding compound

PUR

Seal material O-ring

FKM

Contact material

CuZn

Contact surface material

Ni/Au

Contact carrier material

PBT

Material of contact, master cable side

CU alloy

Cable/line

Connection method

M16 plug connection

Environmental and real-life conditions

Ambient conditions

Degree of protection

IP67

Ambient temperature (operation)

-20 °C ... 80 °C

Standards and regulations

Standard designation

M8 connector

Standards/specifications

IEC 61076-2-104

SACB- 4/3-L-M16-M8 HD - Distributor box

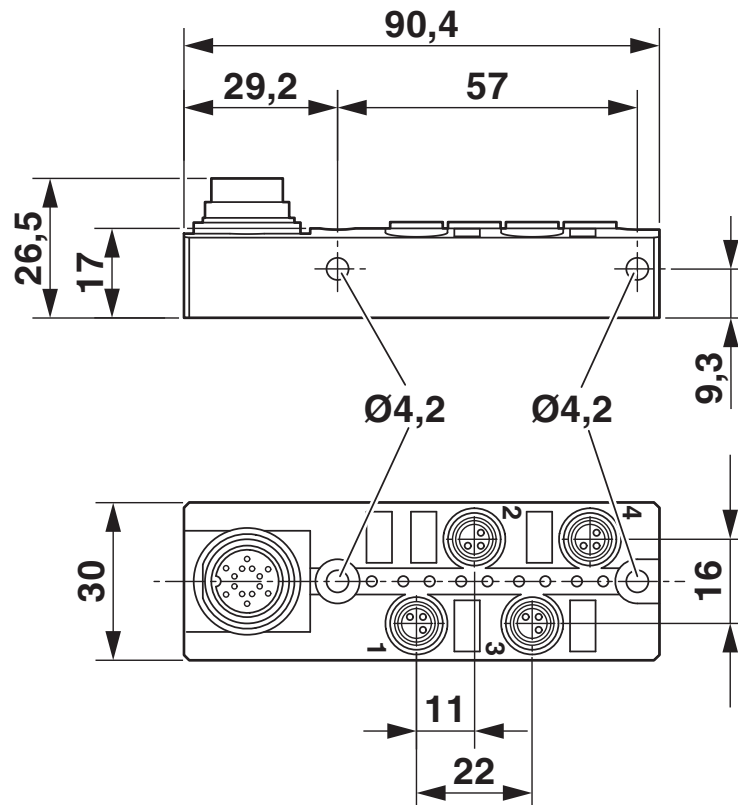
1197406

<https://www.phoenixcontact.com/us/products/1197406>



Drawings

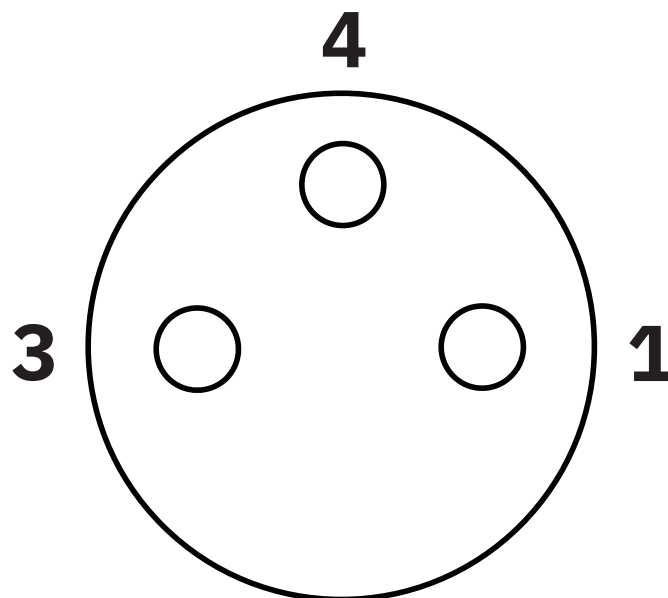
Dimensional drawing



1197406

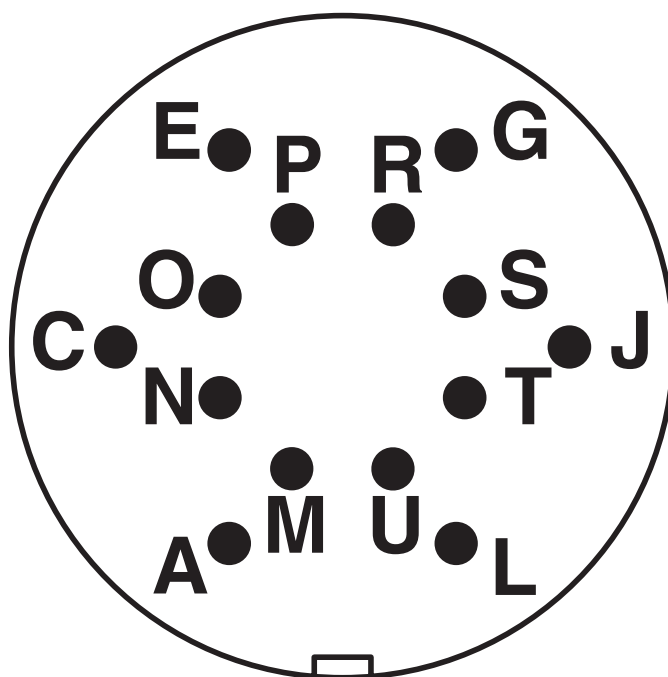
<https://www.phoenixcontact.com/us/products/1197406>

Schematic diagram



M8 slot, socket, 3-pos.

Schematic diagram



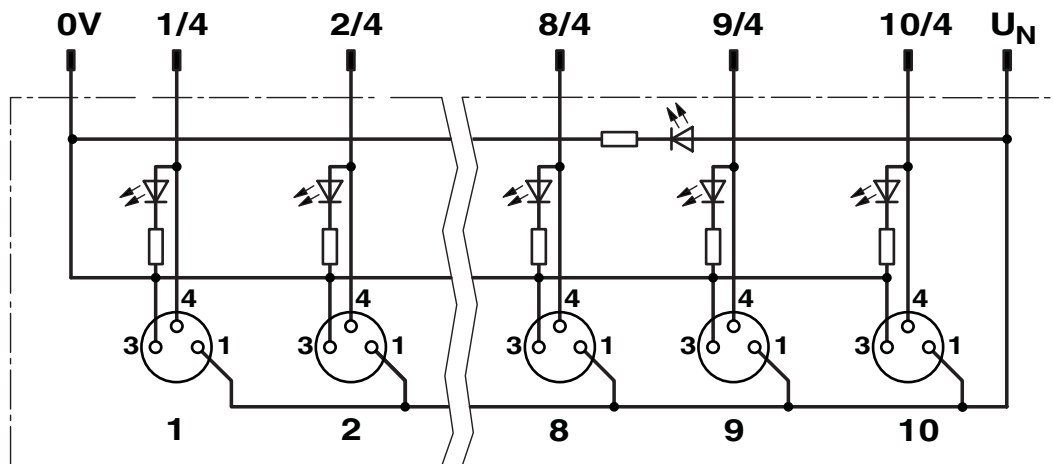
M16 plug connection pin, 14-pos.

SACB- 4/3-L-M16-M8 HD - Distributor box

1197406

<https://www.phoenixcontact.com/us/products/1197406>

Circuit diagram



Further information can be found in the connection assignment section

SACB- 4/3-L-M16-M8 HD - Distributor box



1197406

<https://www.phoenixcontact.com/us/products/1197406>

Classifications

ECLASS

ECLASS-13.0	27440111
ECLASS-15.0	27440111

ETIM

ETIM 9.0	EC003558
----------	----------

UNSPSC

UNSPSC 21.0	31251500
-------------	----------

SACB- 4/3-L-M16-M8 HD - Distributor box



1197406

<https://www.phoenixcontact.com/us/products/1197406>

Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
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%

Phoenix Contact 2025 © - 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