

SACB-DT-DB-CAN-L-IV - Distributor box



1531878

<https://www.phoenixcontact.com/us/products/1531878>

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Distributor box, application: Mobile hydraulics, connection method: DT04 connector, number of slots: 10, number of positions: 4, status display: yes, CAN Bus/DeviceNet



Commercial data

Item number	1531878
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF73
Product key	AF2IED
GTIN	4067923000810
Weight per piece (including packing)	690 g
Weight per piece (excluding packing)	690 g
Country of origin	US

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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	3x M5 (#10) screws. Torque: 2.4 Nm (21 lb _f -in.) maximum (not included)

Product properties

Product type	Distributor box
Application	Mobile hydraulics
Number of positions	4
Number of slots	10
LED	yes

System properties

Local diagnostics	
Monitored function	Supply voltage
Optical representation	Blue LED

Electrical properties

Max. operating voltage $U_{\max}$	32 V DC
Local diagnostics	Supply voltage Blue LED
Max. current carrying capacity per path	13 A (Battery)
Current carrying capacity per slot	42 A (8 A maximum for signals, 13 A maximum for power)

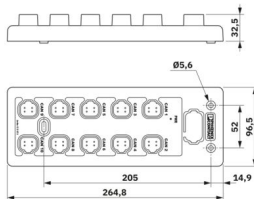
Connection data

Conductor connection	
Sensor/actuator connection system	DT04 connector

Signaling

Status display present	yes
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Dimensions

Dimensional drawing	
Width	97 mm

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Height	35 mm
Length	265 mm

Material specifications

Contact material	Cu alloy
Contact surface material	Ni
Contact carrier material	PA 66 GF

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67 (when using Phoenix Contact connection cables)
Ambient temperature (operation)	-40 °C ... 80 °C

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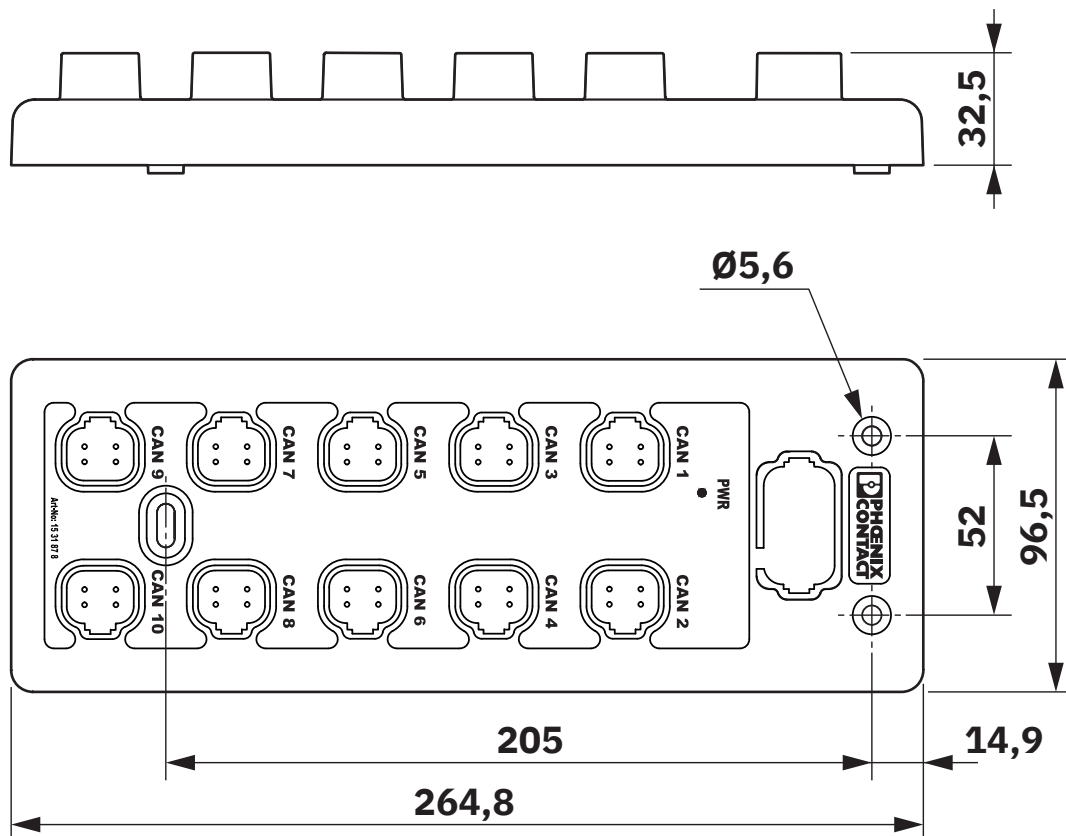
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Drawings

Dimensional drawing



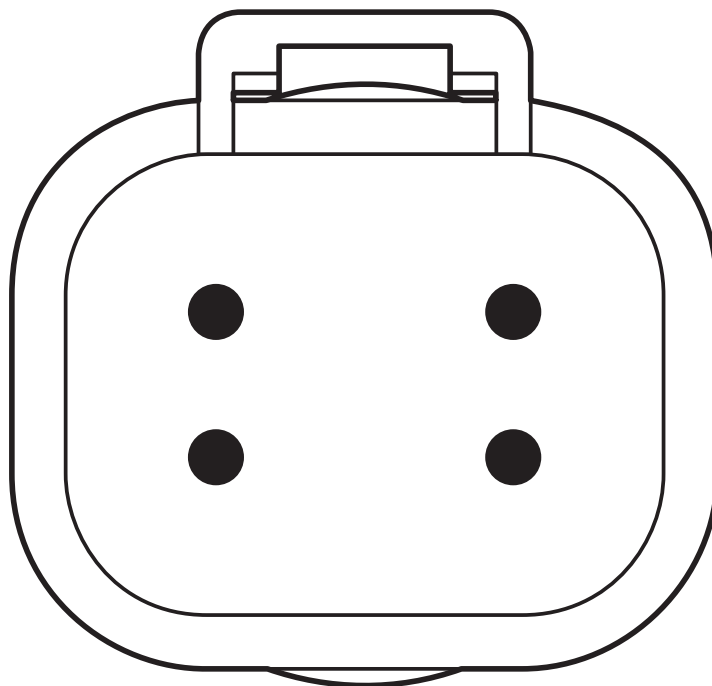
Dimensional drawing

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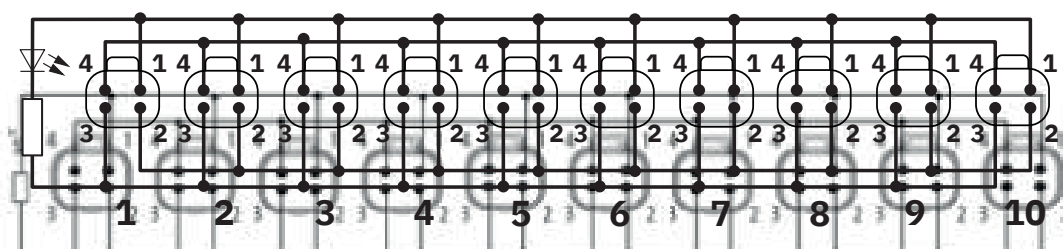
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Schematic diagram



DEUTSCH DT04-4P pin assignment

Circuit diagram



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Classifications

ECLASS

ECLASS-15.0	27440116
ECLASS-13.0	27440116

ETIM

ETIM 9.0	EC002635
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UNSPSC

UNSPSC 21.0	39121400
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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%

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Accessories

SAC-4P- 1,5-PUR/DTFS - Sensor/actuator cable

1415007

<https://www.phoenixcontact.com/us/products/1415007>



Sensor/actuator cable, 4-position, PUR halogen-free, black-gray RAL 7021, free cable end, on Socket straight DEUTSCH DT06-4S Clip locking, coding: A, Wiring: unwired, cable length: 1.5 m

SAC-4P- 3,0-PUR/DTFS - Sensor/actuator cable

1415008

<https://www.phoenixcontact.com/us/products/1415008>



Sensor/actuator cable, 4-position, PUR halogen-free, black-gray RAL 7021, free cable end, on Socket straight DEUTSCH DT06-4S Clip locking, coding: A, Wiring: unwired, cable length: 3 m

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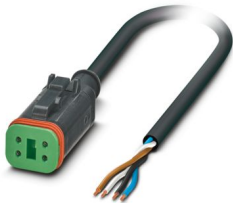
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SAC-4P- 5,0-PUR/DTFS - Sensor/actuator cable

1415010

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Sensor/actuator cable, 4-position, PUR halogen-free, black-gray RAL 7021, free cable end, on Socket straight DEUTSCH DT06-4S Clip locking, coding: A, Wiring: unwired, cable length: 5 m

SAC-4P-10,0-PUR/DTFS - Sensor/actuator cable

1415011

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Sensor/actuator cable, 4-position, PUR halogen-free, black-gray RAL 7021, free cable end, on Socket straight DEUTSCH DT06-4S Clip locking, coding: A, Wiring: unwired, cable length: 10 m

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SAC-4P-DTMS/ 0,3-PUR/DTFS - Sensor/actuator cable

1415016

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Sensor/actuator cable, 4-position, PUR halogen-free, black-gray RAL 7021, Plug straight DEUTSCH DT04-4P Clip locking, coding: A, Wiring: unwired, on Socket straight DEUTSCH DT06-4S Clip locking, Wiring: unwired, cable length: 0.3 m

SAC-4P-DTMS/ 0,6-PUR/DTFS - Sensor/actuator cable

1415017

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Sensor/actuator cable, 4-position, PUR halogen-free, black-gray RAL 7021, Plug straight DEUTSCH DT04-4P Clip locking, coding: A, Wiring: unwired, on Socket straight DEUTSCH DT06-4S Clip locking, Wiring: unwired, cable length: 0.6 m

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SAC-4P-DTMS/ 1,5-PUR/DTFS - Sensor/actuator cable

1415019

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Sensor/actuator cable, 4-position, PUR halogen-free, black-gray RAL 7021, Plug straight DEUTSCH DT04-4P Clip locking, coding: A, Wiring: unwired, on Socket straight DEUTSCH DT06-4S Clip locking, Wiring: unwired, cable length: 1.5 m

SAC-4P-DTMS/ 3,0-PUR/DTFS - Sensor/actuator cable

1415025

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Sensor/actuator cable, 4-position, PUR halogen-free, black-gray RAL 7021, Plug straight DEUTSCH DT04-4P Clip locking, coding: A, Wiring: unwired, on Socket straight DEUTSCH DT06-4S Clip locking, Wiring: unwired, cable length: 3 m

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SACC-AT06-4S-IV - Connector housing

1520766

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Connector housing, Crimp contacts



SACC-AT06-4S-RS-IV - Connector housing

1520765

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Connector housing, Crimp contacts



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