

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



1531878

<https://www.phoenixcontact.com/fr/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	AF2IED
Product key	AF2IED
GTIN	4067923000810
Weight per piece (including packing)	690 g
Weight per piece (excluding packing)	690 g
Customs tariff number	85366990
Country of origin	Country of origin will be provided upon delivery.

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## Technical data

### Notes

Assembly note	<b>NOTE:</b> 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 <sub>f</sub> -in.) maximum (not included)

### Product properties

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

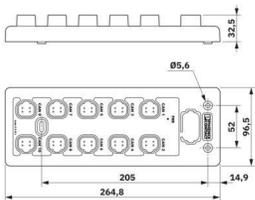
#### Conductor connection

Sensor/actuator connection system	DT04 connector
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### Signaling

Status display present	yes
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### Dimensions

Dimensional drawing	
Width	97 mm
Height	35 mm

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Length	265 mm
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## 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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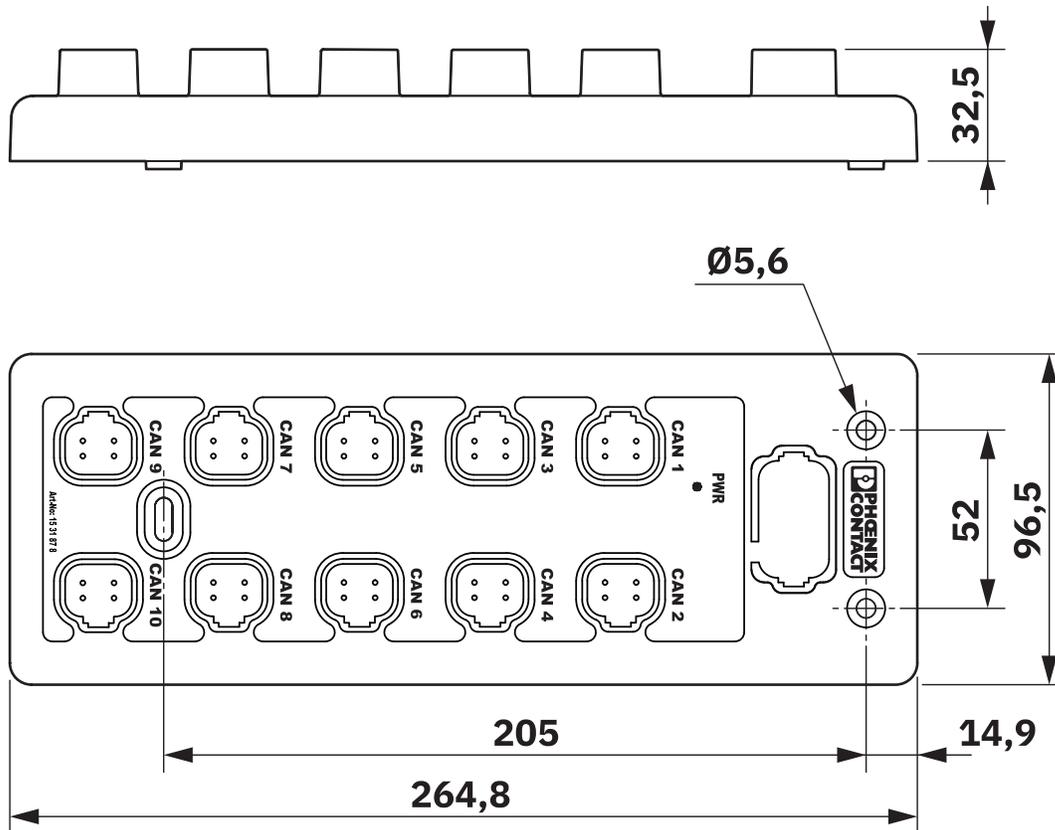


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## Drawings

Dimensional drawing



Dimensional drawing

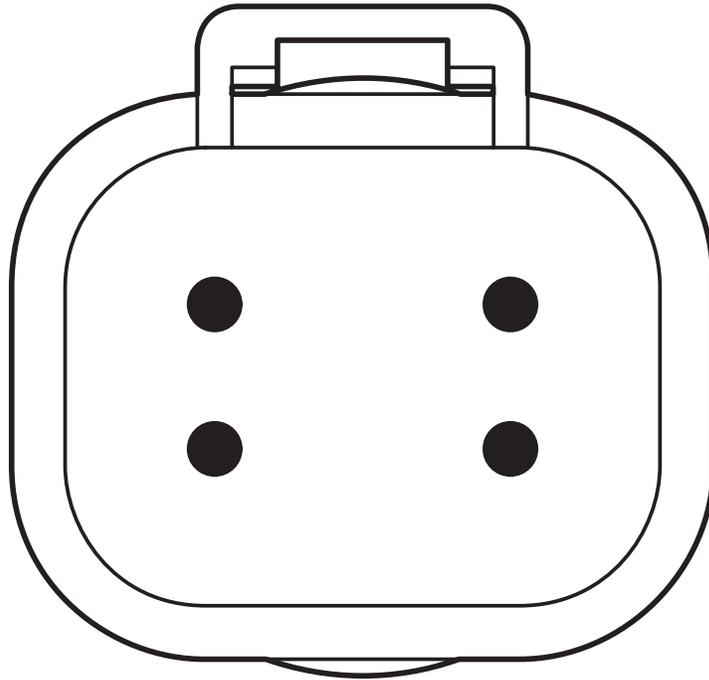
# SACB-DT-DB-CAN-L-IV - Distributor box



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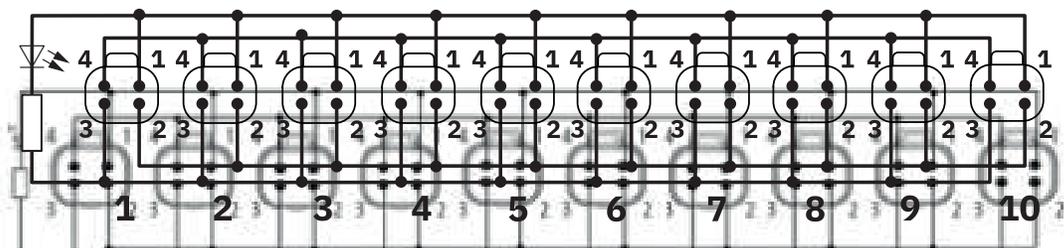
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Schematic diagram



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
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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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PHOENIX CONTACT SAS  
52 Boulevard de Beaubourg Emerainville  
77436 Marne La Vallée Cedex 2 France  
+33 (0) 1 60 17 98 98  
[documentation@phoenixcontact.fr](mailto:documentation@phoenixcontact.fr)