

## D-SUB bus connector - SUBCON 37L/F-SH - 5604027

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D-SUB connector, 37-pos., female connector, one cable entry <math><35^\circ</math>, universal type for all systems, pin assignment: 1, 2, 3, ... , 36, 37 to screw-connection terminal block

The figure shows version



### Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356606370

### Technical data

#### Dimensions

Max. cable diameter	12.7 mm
Min. cable diameter	4 mm
Width	16.3 mm
Height	63.2 mm
Length	99.5 mm

#### Ambient conditions

Ambient temperature (operation)	-20 °C ... 75 °C
Ambient temperature (storage/transport)	-25 °C ... 80 °C
Altitude	5000 m (For restrictions see manufacturer's declaration)
Degree of protection	IP20

#### General

Nominal voltage $U_N$	48 V AC/DC
Nominal current $I_N$	1 A
Signal	Point-to-point
Insertion/withdrawal cycles	> 50
SUBCON fixing screws	4-40 UNC

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### Technical data

#### General

Tightening torque	0.4 Nm
Housing material	ABS, metal-plated
Pin assignment	All connections are 1:1 on the screw terminal block

#### Connection data

Connection	D-SUB connection
Number of positions	37
Connection method	D-SUB connector
Connection	PCB connection
Connection method	Screw connection
Conductor cross section flexible min.	0.14 mm <sup>2</sup>
Conductor cross section flexible max.	1 mm <sup>2</sup>
Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Min. AWG conductor cross section, flexible	26
Max. AWG conductor cross section, flexible	18
Conductor cross section AWG min.	26
Conductor cross section AWG max.	16
Stripping length	5 mm
Tightening torque	0.4 Nm

#### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>

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