SUBCON 15 HD/M-SH - D-SUB bus connector

5604602

https://www.phoenixcontact.com/us/products/5604602

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D-SUB connector, 15-pos, male connector, two 35° cable entries, universal type for all systems, pin assignment: 1, 2, 3, ..., 14, 15 to screw connection terminal block

new

Commercial data

Item number	5604602
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DN10
Product key	DNC511
GTIN	4046356685214
Weight per piece (including packing)	77.1 g
Weight per piece (excluding packing)	76.5 g
Customs tariff number	85366990
Country of origin	US

Technical data

Notes

Note on application

Note on application	Only for industrial use

Product properties

Product type	Data plug
Pin assignment	All connections are 1:1 on the screw terminal block

Electrical properties

Nominal voltage U_N	48 V AC/DC
Nominal current I_N	≤ 1 A

Connection data

D-SUB connection

Connection method	High density D-SUB pin strip

PCB connection

Connection method	Screw connection
Stripping length	5 mm
Conductor cross-section, rigid min.	0.14 mm²
Conductor cross-section, rigid max.	1.5 mm²
Conductor cross-section flexible min.	0.14 mm²
Conductor cross-section flexible max.	1 mm²
Single-wire/terminal point, rigid AWG min.	26
Single-wire/terminal point, rigid AWG max.	16
Min. AWG conductor cross-section, flexible	26
Max. AWG conductor cross-section, flexible	18
Tightening torque	0.22 Nm ... 0.25 Nm

Interfaces

Signal	Point-to-point

Dimensions

Width	16 mm
Height	49.8 mm
Length	61 mm

Material specifications

Color (Housing)	white aluminium (RAL 9006)
Housing material	ABS, metal-plated

Cable/line

External cable diameter	4 mm ... 12.7 mm

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	> 50
Fixing screws	4-40 UNC
Tightening torque	0.4 Nm

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 75 °C
Ambient temperature (storage/transport)	-25 °C ... 80 °C
Altitude	5000 m
Permissible humidity (operation)	10 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	5 % ... 95 % (non-condensing)

Classifications

ECLASS

ECLASS-13.0	27440302
ECLASS-15.0	27440322

ETIM

ETIM 10.0	EC001132

UNSPSC

UNSPSC 21.0	39121400

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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