SUBCON 15HD/M - D-SUB connector

2708546

https://www.phoenixcontact.com/us/products/2708546

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D-SUB connector, 15-pos. HD (high density), pin, one 35° cable outlet, universal type for all systems, pin assignment: 1, 2, 3, 6, 7, 8, 10, 13, 14 to screw connection terminal block

Your advantages

- Change to the D-SUB orientation through a reversible connection block

ELEKTROGERÄTE RÜCKNAHME

Commercial data

Item number	2708546
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DN10
Product key	DNC512
GTIN	4017918942144
Weight per piece (including packing)	42.11 g
Weight per piece (excluding packing)	27.47 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Notes

Note on application

Note on application	Only for industrial use

Product properties

Product type	Data plug
MTTF	6706 Years (SN 29500 standard, temperature 25°C, operating cycle 21%)
	1817 Years (SN 29500 standard, temperature 40°C, operating cycle 34.25%)
	155 Years (SN 29500 standard, temperature 40°C, operating cycle 100%)

Electrical properties

Nominal voltage U_N	24 V AC/DC

Connection data

D-SUB connection

Connection method	High density D-SUB pin strip

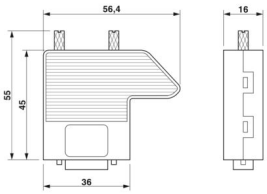
PCB connection

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	VGA

Dimensions

Dimensional drawing	
Width	16 mm
Height	55 mm
Length	56.5 mm

Material specifications

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

Cable/line

External cable diameter	4 mm ... 10 mm

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 200
Fixing screws	4-40 UNC
Tightening torque	0.4 Nm

Mechanical tests

Vibration resistance in accordance with EN 60068-2-6/IEC 60068-2-6	Operation: 5g, 10...150 Hz, 2.5 h, in XYZ direction
Shock in accordance with EN 60068-2-27/IEC 60068-2-27	Operation: 15g, 11 ms period, half-sine shock pulse

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 (For restrictions, see the manufacturer's declaration for altitude operation)
Permissible humidity (operation)	10 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	5 % ... 95 % (non-condensing)

Approvals

Corrosive gas test

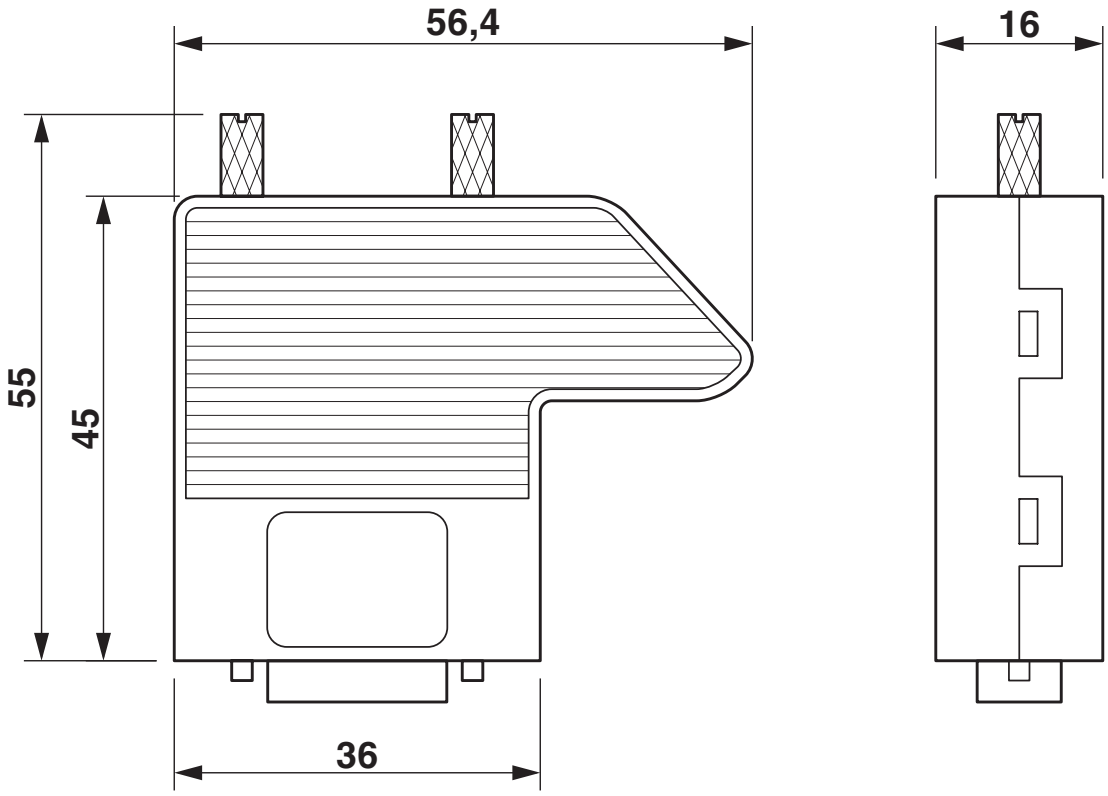
Identification	ISA-S71.04-1985 G3 Harsh Group A

Standards and regulations

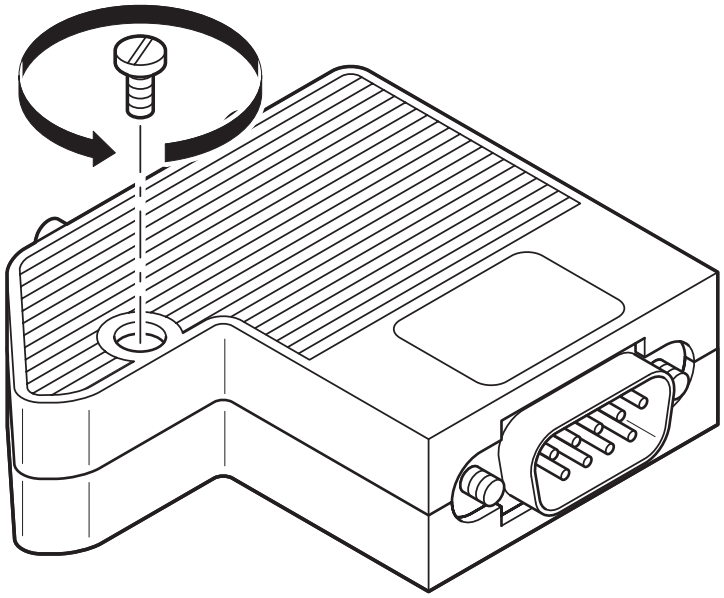
Free from substances that could impair the application of coating	VDMA 24364:2018-05

Drawings

Dimensional drawing

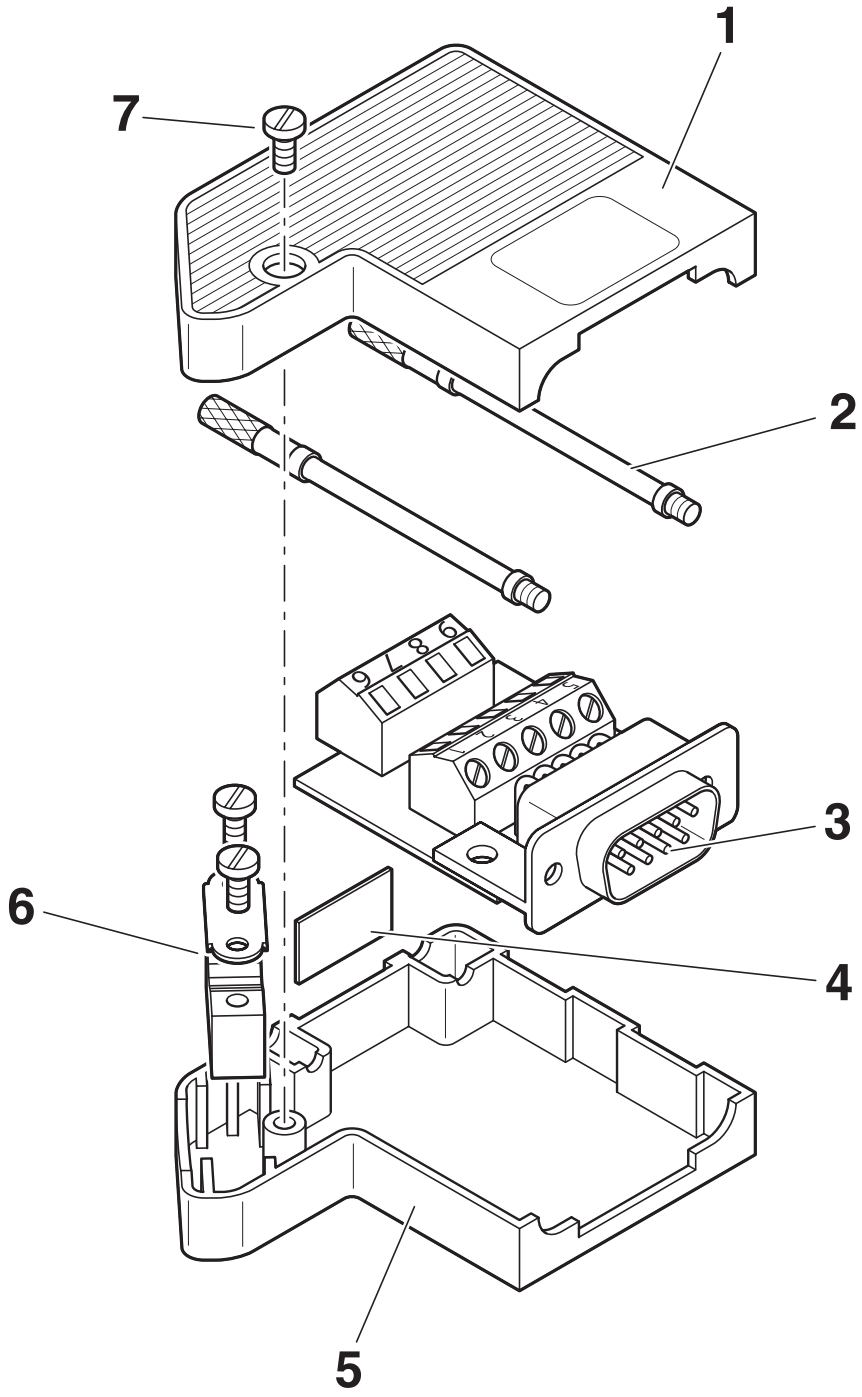


Schematic diagram



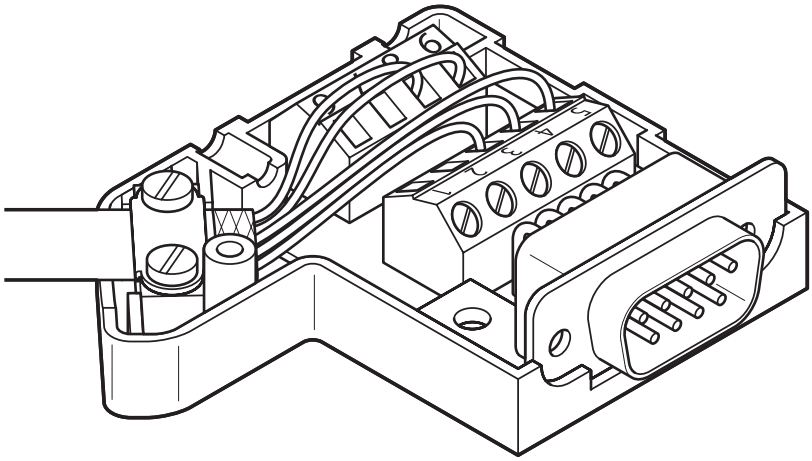
Opening the housing

Schematic diagram



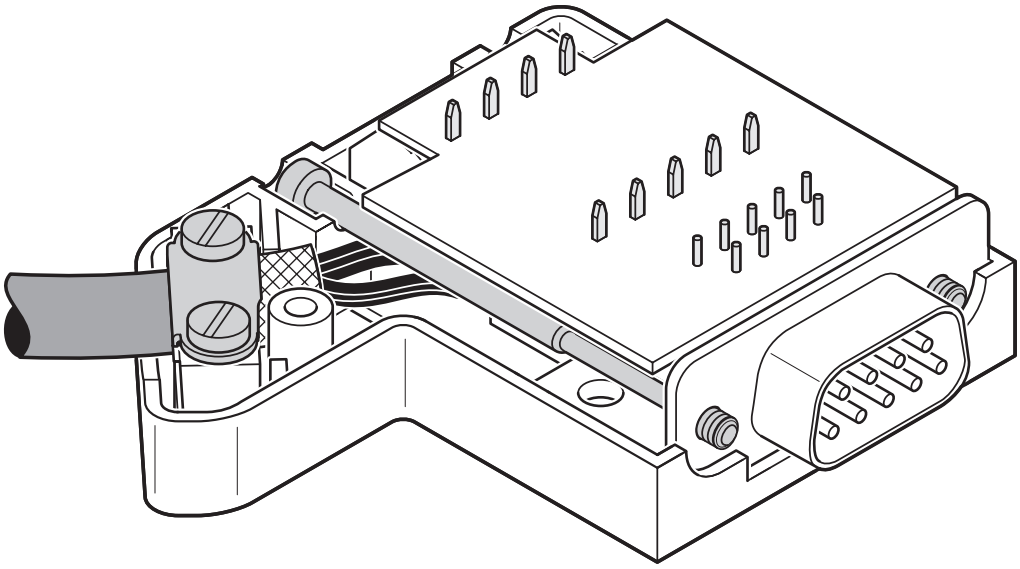
Function elements

Schematic diagram



Left-hand side cable entry

Schematic diagram



Right-hand side cable entry

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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