

SUBCON 9/F-SH - D-SUB bus connector



2761499

<https://www.phoenixcontact.com/pt/produtos/2761499>

Note que os dados aqui indicados foram obtidos a partir do catálogo online. Para informações e dados completos, consulte a documentação do utilizador. Aplicam-se as condições gerais de utilização para downloads da Internet



D-SUB connector, 9-pos. socket, one 35° cable outlet, universal type for all systems, pin assignment: 1, 2, 3, 4, 5, 6, 7, 8, 9 to screw connection terminal block

Descrição do produto

The 9-pos. version of the SUBCON-... connector range is not just suitable for INTERBUS, but is positively ideal. A whole host of further applications are opened up by having all the connections assigned to their own 1 mm² screw terminal block. The range covers SUBCON plugs for point-to-point connections with a cable infeed in 9, 15 and 25-pos. male or female versions. The optional fastening screw SUBCON-SHORT-SCREW is available as an accessory for narrow installation conditions. The screw is completely integrated into the housing by not having a knurl.

Vantagens

- Easy assembly thanks to knurled screws
- Can be used universally
- High level of EMC
- Flexibility in terms of cable entry selection
- Assembly under field conditions
- Change to the D-SUB orientation through a reversible connection block

Dados comerciais

N.º de artigo	2761499
Pcs./Emb	1 Unidade
Quantidade mínima de pedido	1 Unidade
Chave comercial	DNC
Chave de produto	DNC511
Página de catálogo	Página 451 (C-6-2019)
GTIN	4017918064730
Peso por unidade (inclusive embalagem)	50,2 g
Peso por unidade (excluindo embalagem)	49,1 g
Número do imposto alfandegário	85366990
País de origem	DE

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Dados técnicos

Notes

Utilization restriction

CCCex note	Use in potentially explosive areas is not permitted in China.
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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%)
Pin assignment	All connections are 1:1 on the screw terminal block

Electrical properties

Nominal voltage U_N	50 V DC
Nominal current I_N	100 mA
Transmission medium	Copper

Connection data

D-SUB connection

Connection method	D-SUB socket
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PCB connection

Connection method	Screw connection
Stripping length	5 mm
Conductor cross section, rigid min.	0.14 mm ²
Conductor cross section, rigid max.	1.5 mm ²
Conductor cross section flexible min.	0.14 mm ²
Conductor cross section flexible max.	1 mm ²
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

Interfaces

Signal	RS-232
	RS-422
	RS-485

Dimensions

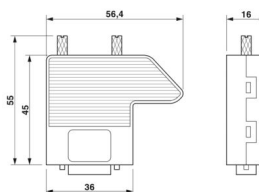
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Dimensional drawing



Width	16 mm
Height	55 mm
Length	56.5 mm

Material specifications

Material (Housing)	ABS (metal-plated)
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Cable/line

External cable diameter	4 mm ... 10 mm (Incoming bus line)
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Mechanical properties

Mechanical data

Insertion/withdrawal cycles	> 200
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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

ATEX

Identification	Ex II 3 G Ex ec IIC T4 Gc
Certificate	PxCIF15ATEX2761499X
Note	Please follow the special installation instructions in the documentation!

UKEX

Identification	Ex II 3 G Ex ec IIC T4 Gc
Certificate	PxCIMA22UKEX2761499X

Corrosive gas test

Identification	ISA-S71.04-1985 G3 Harsh Group A
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Standards and regulations

Free from substances that could impair the application of coating

in accordance with VW-AUDI-Seat central standard P-VW 3.10.7
57 65 0

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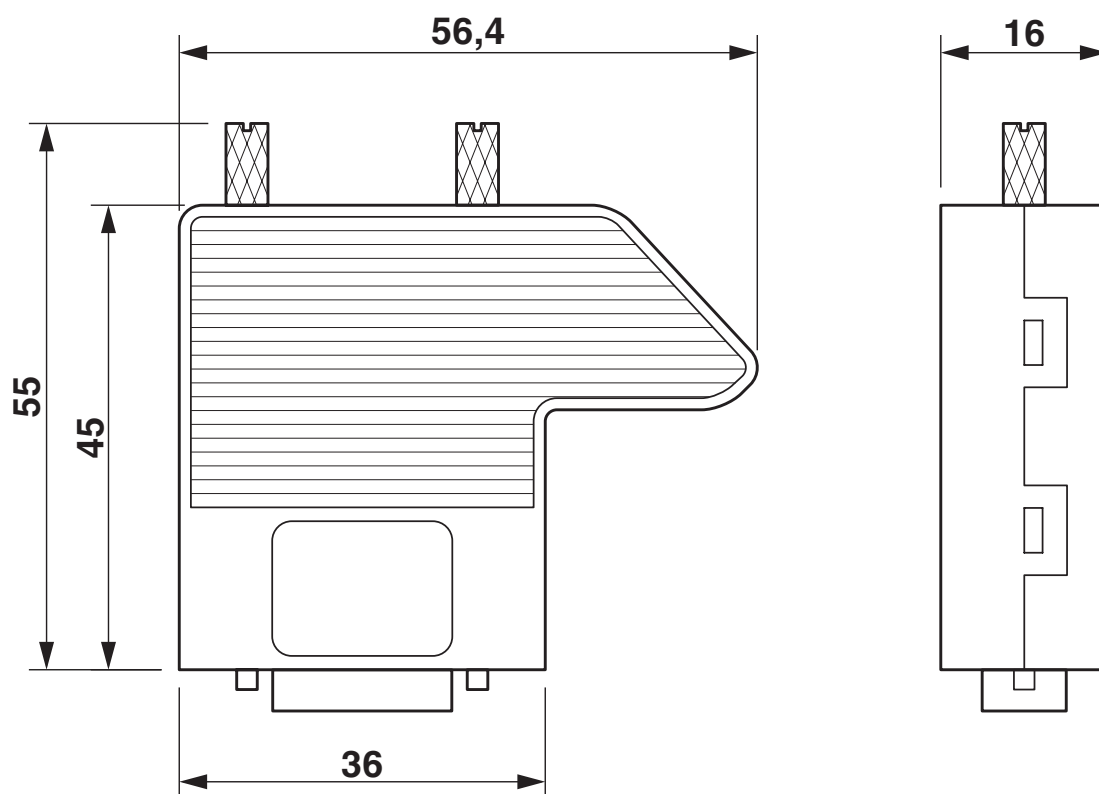
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Desenhos

Dimensional drawing



Dimensional drawing

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Certificações

📄 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/pt/produtos/2761499>



cUL Recognized

ID de certificação: FILE E 238705



UL Recognized

ID de certificação: FILE E 238705



CSA

ID de certificação: 2437602

cULus Recognized

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Classificações

ECLASS

ECLASS-11.0	27440302
ECLASS-13.0	27440302
ECLASS-12.0	27440302

ETIM

ETIM 8.0	EC001132
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

EU RoHS

Cumpe os requisitos de substância segundo a Diretiva RoHS	Sim, Sem regras de exceção
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China RoHS

Environment friendly use period (EFUP)	EFUP-E
	Nenhuma substância perigosa acima dos valores-limite

EU REACH SVHC

Nota sobre as substâncias candidatas ao REACH (n.º CAS)	Nenhuma substância numa proporção superior a 0,1 % em massa
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Acessórios

SUBCON-SHORT-SCREW - Screw

2799694

<https://www.phoenixcontact.com/pt/produtos/2799694>



Optional mounting screw, without knurl for narrow installation conditions, slotted head, length: 40 mm, UNC 4-40 thread Supplied as standard: 1 bag of 20 screws

CRIMPFOX-1,6-ER-1,50-GH - Crimping pliers

1772793

<https://www.phoenixcontact.com/pt/produtos/1772793>



Crimping pliers, for IBS DSUB.../C

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SZF 0-0,4X2,5 - Screwdriver

1204504

<https://www.phoenixcontact.com/pt/produtos/1204504>



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.4 x 2.5 x 75 mm, 2-component grip, with non-slip grip

SUBCON 9/M-SH - D-SUB bus connector

2761509

<https://www.phoenixcontact.com/pt/produtos/2761509>



D-SUB connector, 9-pos., pin, one 35° cable outlet, universal type for all systems, pin assignment: 1, 2, 3, 4, 5, 6, 7, 8, 9 to screw connection terminal block

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VS-09-GC-ST/ST - D-SUB gender changer

1652651

<https://www.phoenixcontact.com/pt/produtos/1652651>

D-SUB contact insert, shell size 1, with nine signal contacts, type of contact pin, gender changer, fixing with 4-40 UNC thread



PSM-AD-D9-NULLMODEM - Adapter

2708753

<https://www.phoenixcontact.com/pt/produtos/2708753>

V.24 (RS-232) zero modem connector



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