VS-25-BU-DSUB/25-MPT-0,5 - D-SUB contact insert

1689776

https://www.phoenixcontact.com/us/products/1689776

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D-SUB contact insert, shell size 3, with 25 signal contacts, female type of contact, screw connection, straight, for panel mounting frame and sleeve housing with IP67 protection

Commercial data

Item number	1689776
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	AB19
Product key	ABNCAB
GTIN	4017918914073
Weight per piece (including packing)	27 g
Weight per piece (excluding packing)	27 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Product properties

Product type	Contact insert
Type	D-SUB
Number of positions	25
Connection profile	D-SUB
Number of slots	1
Shielded	yes

Insulation characteristics

Overvoltage category	II
Degree of pollution	2

Electrical properties

Rated voltage (III/3)	60 V
Rated current	5 A
Insulation resistance	≥ 5000 MΩ
Contact resistance per contact pair	≤ 2.5 mΩ
Transmission medium	Copper
Power transmission	Power

Connection data

Connection method	Screw connection

Dimensions

Width	45.9 mm
Height	63 mm
Length	13 mm

Material specifications

Flammability rating according to UL 94	V0
Housing material	Metal
Housing surface material	metal-plated
Contact material	Copper alloy
Contact surface material	Gold
Contact carrier material	PBTP

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 200
Insertion force per signal contact	≤ 3.30 N
Extraction force per signal contact	≤ 2.2 N

Environmental and real-life conditions

Ambient conditions

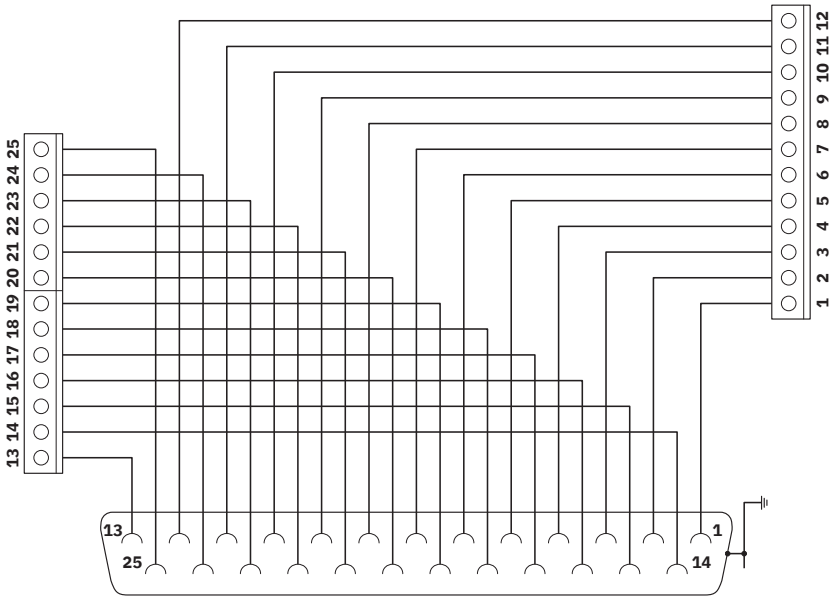
Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 80 °C

Mounting

Mounting type	Screw mounting

Drawings

Circuit diagram



Circuit diagram

Classifications

ECLASS

ECLASS-13.0	27440302
ECLASS-15.0	27440323

ETIM

ETIM 10.0	EC001132

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	3a104871-ad75-4daf-9a63-b9206378bd35

EF3.1 Climate Change

CO2e kg	1.596 kg CO2e

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