

D-SUB combination contact insert - VS-15-BU-DSUB-2P-5S - 1688230

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D-SUB contact insert, shell size 2, with five signal contacts with solder cup, straight, accommodation for two combined contacts, type of contact socket, fixing with a 3 mm hole, for panel mounting frame and sleeve housing VS-15-...



Key Commercial Data

Packing unit	10 pc
GTIN	 4 017918 179632
GTIN	4017918179632

Technical data

Mechanical characteristics

Connection method	Solder cup
Overvoltage category	III
Resistance	5 GΩ
AWG max., flexible, multi-strand	20
Rated current	5 A
Degree of pollution	2
Insulation resistance	≥ 5 GΩ

Ambient conditions

Ambient temperature (operation)	-55 °C ... 130 °C
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Material data

Flammability rating according to UL 94	V0
Contact surface material	Gold over nickel
Contact material	Copper alloy
Contact carrier material	PBT-GF
Width	14.5 mm
Height	12.93 mm
Length	39.52 mm

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Technical data

Material data

Housing material	Steel, tin-plated
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Electrical characteristics

Number of positions	7
Rated current	5 A (at 20°C (signal contacts))
Overvoltage category	III
Degree of pollution	2
Rated voltage (III/3)	250 V
Test voltage	1200 V

Standards and Regulations

Flammability rating according to UL 94	V0
Safety note	WARNING: The connectors may not be plugged in or disconnected under load. Ignoring the warning or improper use may damage persons and/or property.
	• WARNING: Commission properly functioning products only. The products must be regularly inspected for damage. Decommission defective products immediately. Replace damaged products. Repairs are not possible.
	• WARNING: Only electrically qualified personnel may install and operate the product. They must observe the following safety notes. The qualified personnel must be familiar with the basics of electrical engineering. They must be able to recognize and prevent danger. The relevant symbol on the packaging indicates that only personnel familiar with electrical engineering are allowed to install and operate the product.
	• The products are suitable for applications in plant, controller, and electrical device engineering.
	• When operating the connectors in outdoor applications, they must be separately protected against environmental influences.
	• Assembled products may not be manipulated or improperly opened.
	• Only use mating connectors that are specified in the technical data of the standards listed (e.g. the ones listed in the product accessories online at phoenixcontact.com/products).
	• When using the product in direct connection with third-party manufacturers, the user is responsible.
	• For operating voltages > 50 V AC, conductive connector housings must be grounded
	• Only use tools recommended by Phoenix Contact
	• The installation notes/Design In documents online on the download page at phoenixcontact.com/products must be observed for this product.
	• Use a protective cap to protect connectors that are not in use. The suitable accessories are available online in the accessory section of the product at phoenixcontact.com/products
	• Operate the connector only when it is fully plugged in and interlocked.
	• Operate the connector only when it is fully plugged in.
	• Ensure that when laying the cable, the tensile load on the connectors does not exceed the upper limit specified in the standards.
	• Observe the minimum bending radius of the cable. Lay the cable without twisting it.

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Standards and Regulations

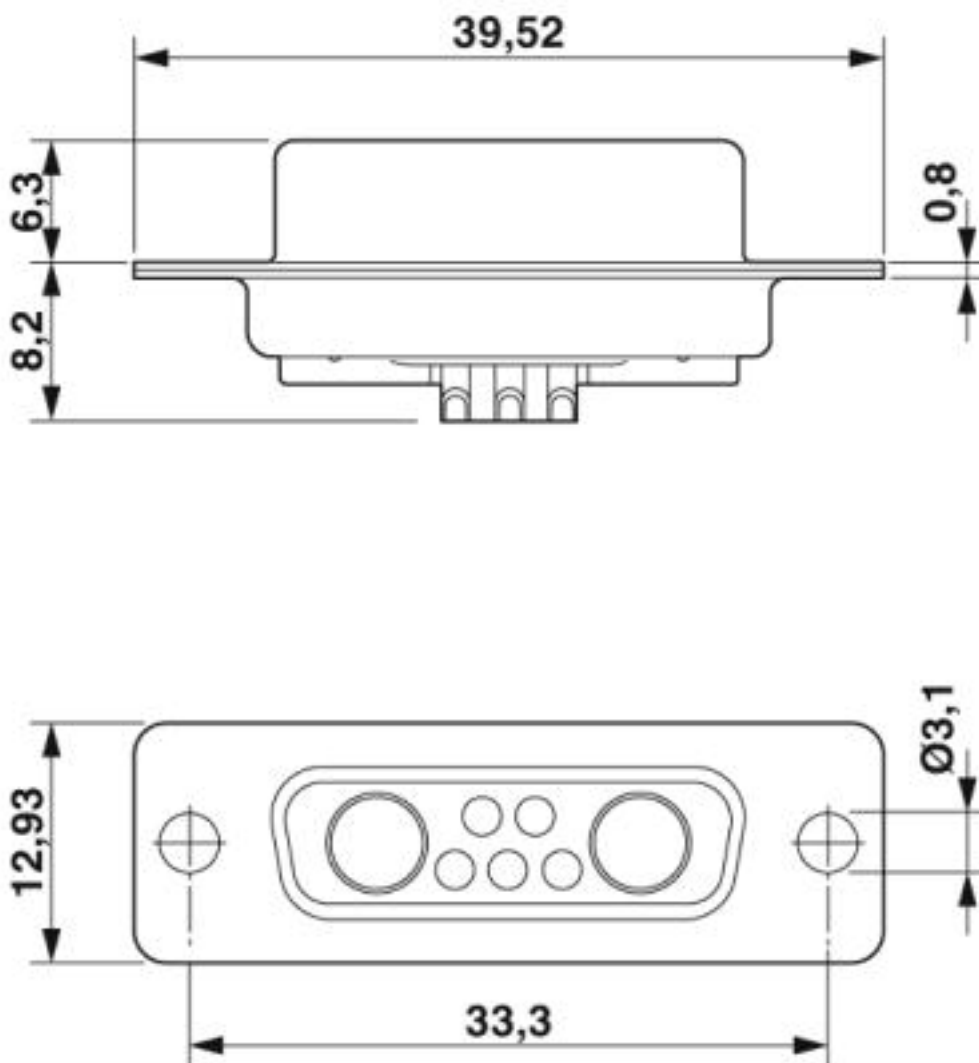
	• VDE 0100/1.97 § 411.1.3.2 and DIN EN 60 204/11.98 § 14.1.3 are applicable when combining several circuits in a cable and/or connector
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Environmental Product Compliance

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

Drawings

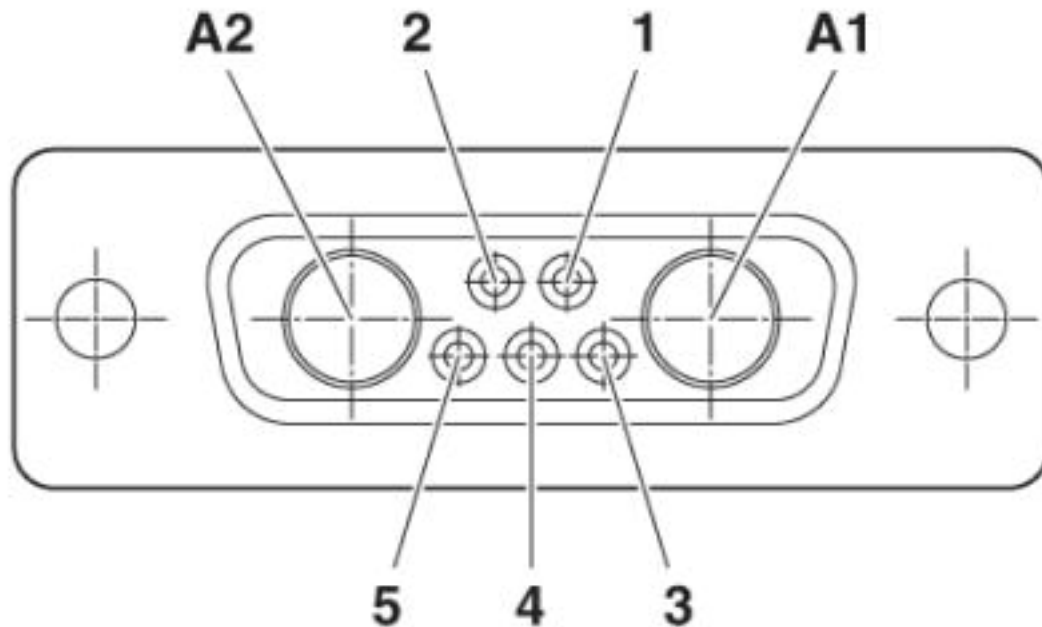
Dimensional drawing



D-SUB contact insert

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Schematic diagram



Approvals

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UL Recognized / EAC

Ex Approvals

Approval details

UL Recognized



<http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

FILE E 118976

EAC



B.01742

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