

D-SUB sleeve housings - VS-09-T-2M16 - 1688353

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D-SUB sleeve housings, degree of protection: IP67, material: PA, cable outlet: Angled, size of housing: 1, color: gray

Your advantages

- ✓ IP67 protection class
- ✓ Two cable outlets ideal for hybrid applications



Key Commercial Data

Packing unit	5 pc
GTIN	
GTIN	4017918817503

Technical data

Mechanical characteristics

Minimum external conductor diameter	3 mm
Maximum external conductor diameter	9 mm
Degree of pollution	2
Cable outlet	Angled
No. of cable outlets	2
Weight	39.2 g
Flammability rating according to UL 94	V0

Ambient conditions

Ambient temperature (operation)	-40 °C ... 80 °C
Degree of protection	IP67 (when plugged in)

Material data

Housing material	PA
Width	60 mm

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Technical data

Material data

Height	24 mm
Length	89 mm

Electrical characteristics

Degree of pollution	2
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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.
	• 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

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
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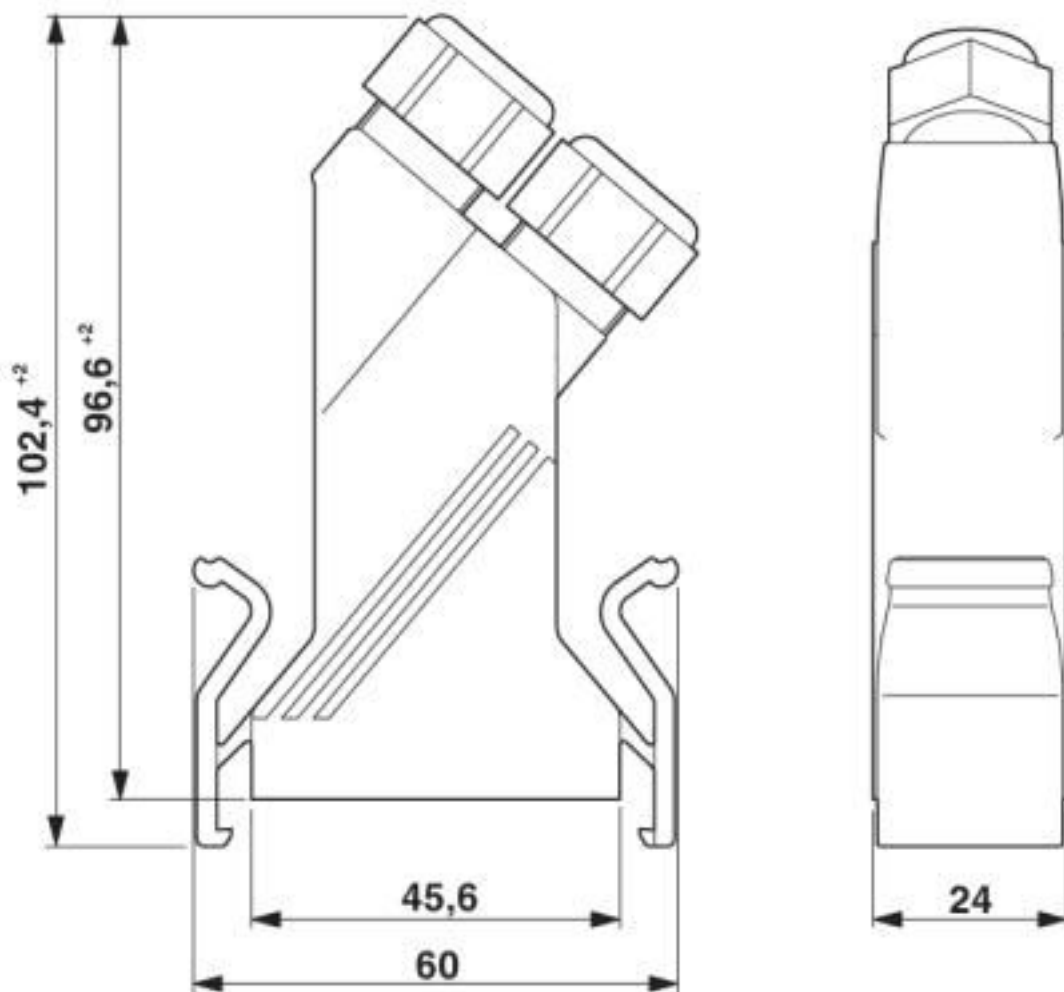
Technical data

Environmental Product Compliance

	No hazardous substances above threshold values
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Drawings

Dimensional drawing



D-SUB sleeve housings

Classifications

eCl@ss

eCl@ss 10.0.1	27440202
eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700

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Classifications

eCl@ss

eCl@ss 5.1	27261200
eCl@ss 6.0	27261200
eCl@ss 7.0	27440202
eCl@ss 8.0	27440202
eCl@ss 9.0	27440202

ETIM

ETIM 2.0	EC000437
ETIM 3.0	EC000437
ETIM 4.0	EC000437
ETIM 5.0	EC000437
ETIM 6.0	EC000437
ETIM 7.0	EC000437

UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501
UNSPSC 18.0	31261501
UNSPSC 19.0	31261501
UNSPSC 20.0	31261501
UNSPSC 21.0	31261501

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		B.01742
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Accessories

Accessories

Coding element

Coding profile - CP-HCC 4 - 1600027



Coding profile, number of positions: 1, pitch: 0 mm, color: red

Data plug

D-SUB EMC inner sleeve - VS-09-TI-2EMV - 1688476



D-SUB EMC inner sleeve, for sleeve housing VS-09-..., shell size 1, shielded

Device marking

Zack marker strip - ZBN 18:UNBEDRUCKT - 2809128



Zack marker strip, Strip, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, mounting type: snap into tall marker groove, for terminal block width: 18 mm, lettering field size: 18 x 5 mm, Number of individual labels: 5

Pressure nut

D-SUB pressure nut - VS-M16 (3-6) - 1688450



D-SUB cap nut with line seal, for sleeve housing VS-09-..., conductor diameter of 3 mm ... 6 mm

D-SUB pressure nut - VS-M16 (5-9) - 1688447



D-SUB cap nut with line seal, for sleeve housing VS-09-..., conductor diameter of 5 mm ... 9 mm

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Accessories

Sealing plugs

Filler plugs - Q-PROT 9/11 - 1670235



Closing cap for Pg9/Pg11 to close unoccupied connections

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