

VC-M-T2/10() S822 NZ:TS01 - Sleeve connector set



1403771

<https://www.phoenixcontact.com/us/products/1403771>

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Sleeve connector set, Range of articles: VARIOCON, design: VC2, housing material: Zinc die-cast, surface bronzed and nickel-plated, color: nickel, number of positions: 12, Connection method: Screw connection

Commercial data

Item number	1403771
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABLADD
GTIN	4046356666879
Weight per piece (including packing)	350.25 g
Weight per piece (excluding packing)	335.2 g
Country of origin	PL

Technical data

Notes

Safety note

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](https://www.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

- Ensure that the protective or functional ground has been properly connected.

- 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

- Observe the corresponding technical data. You will find information:
 - o On the product
 - o On the packing label
 - o In the supplied documentation
 - o Online at [phoenixcontact.com/products](https://www.phoenixcontact.com/products) under the product

- Only use tools recommended by Phoenix Contact

- The installation notes/Design In documents online on the download page at [phoenixcontact.com/products](https://www.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](https://www.phoenixcontact.com/products)

- 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

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standards.

- Observe the minimum bending radius of the cable. Lay the cable without twisting it.
- The connector warms up in normal operation. Depending on the ambient conditions, the surface of the connector can continue to warm up. In this case, the user is responsible for posting warnings (e.g. DIN EN ISO 13732-1:2008-12).

Product properties

Product type	Rectangular connector (cable side)
Product family	VARIOCON
Type	VC2
Number of positions	12
No. of cable outlets	1
No. of power contacts	4
No. of control contacts	8
Type of the screw connection	Pg21
Shielded	yes
Cable outlet	slanted

Insulation characteristics

Degree of pollution	3
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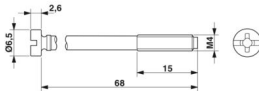
Electrical properties

Rated voltage (II/2)	250 V
Rated voltage (III/2)	160 V
Rated surge voltage (III/3)	2.5 kV

Connection data

Connection method	Screw connection
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Dimensions

Dimensional drawing	
Width	33 mm
Height	85.2 mm
Length	74 mm

Material specifications

Color	nickel
Color of the housing part	gray
Flammability rating according to UL 94	V0
Insulating material group	I
Seal material	EPDM, conductive

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Housing material	Zinc die-cast, surface bronzed and nickel-plated
O-ring material	NBR
Material of locking screw	Stainless steel

Mechanical properties

Mechanical data

Type of the screw connection	Pg21
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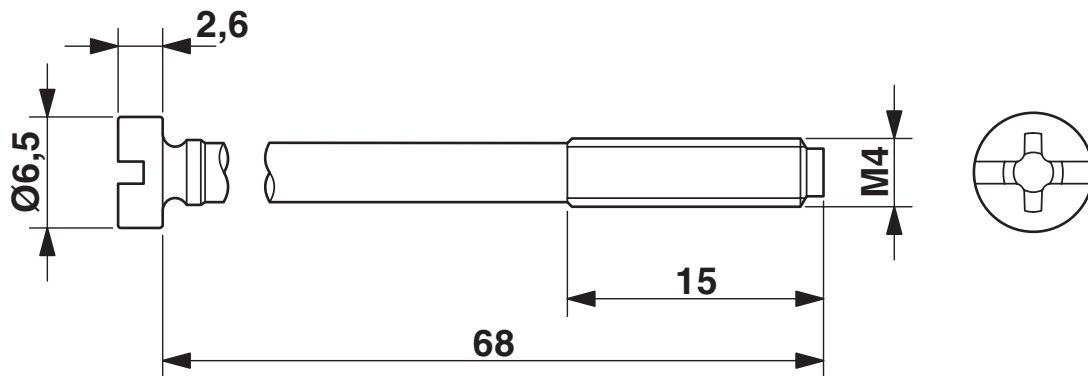
Environmental and real-life conditions

Ambient conditions

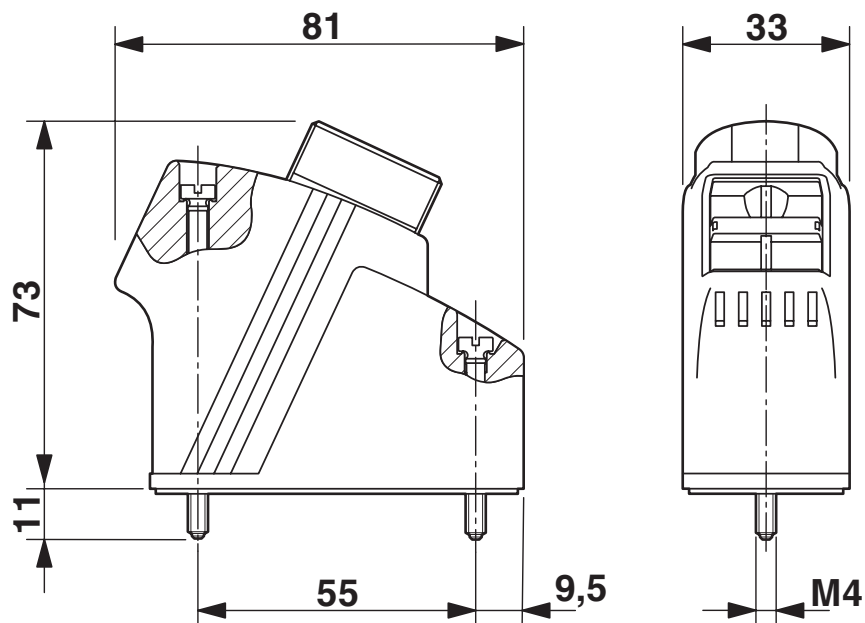
Degree of protection	IP65/IP66/IP67
Ambient temperature (operation)	-40 °C ... 100 °C

Drawings

Dimensional drawing



Dimensional drawing



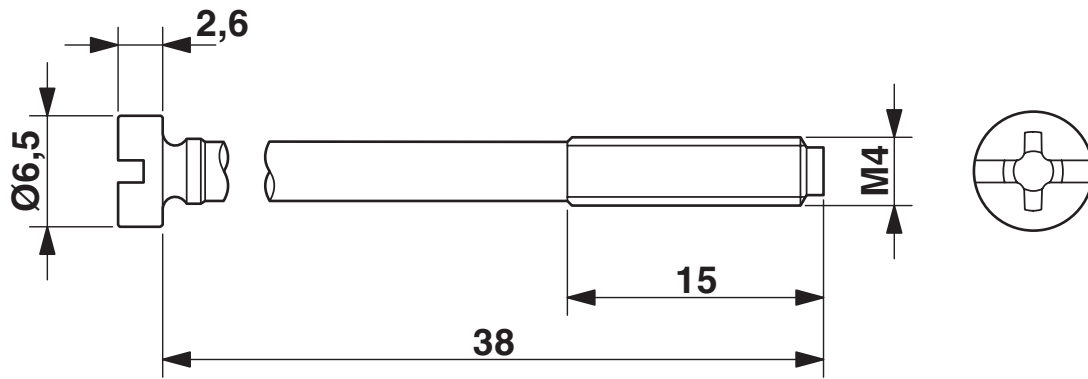
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Dimensional drawing



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Classifications

ECLASS

ECLASS-13.0	27440312
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ETIM

ETIM 9.0	EC002641
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UNSPSC

UNSPSC 21.0	39121400
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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: n/a)
SCIP	74480dfa-de41-4415-9a18-0014cf950448