

VC-AMS-FO - Contact insert

1885240

<https://www.phoenixcontact.com/us/products/1885240>



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Contact insert module, for panel mounting frames for accommodating 2 optical fibers VC-FSMA-M ... Quick mounting connectors

Commercial data

Item number	1885240
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	AB01
Product key	ABLACA
GTIN	4017918176273
Weight per piece (including packing)	3.4 g
Weight per piece (excluding packing)	3.4 g
Customs tariff number	85369010
Country of origin	PL

Technical data

Notes

General	When using fiber optics, the minimum permissible bending radii must be observed.
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 • 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 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 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.

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- 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.
- 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).

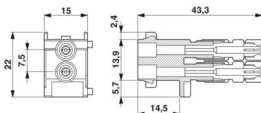
Product properties

Product type	Contact insert
Type	VC1 ... VC4
Number of positions	2
Connection profile	F-SMA type 905, IEC 874-2
No. of conductors	2
Number of module slots	1
Contact material type	turned

Electrical properties

Attenuation	< 3 dB
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Dimensions

Dimensional drawing	
Width	20.6 mm
Height	16.8 mm
Length	26.2 mm

Mechanical characteristics

Contact diameter	3.1 mm
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Material specifications

Flammability rating according to UL 94	V0
Housing material	PA 6.6

Cable/line

Cable type	Polymer fiber (980 / 1000 µm)
Stripping length of the individual wire	12 mm (minimum)

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	> 100
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Characteristics

Attenuation	< 3 dB
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Environmental and real-life conditions

Ambient conditions	
Ambient temperature (operation)	-20 °C ... 70 °C

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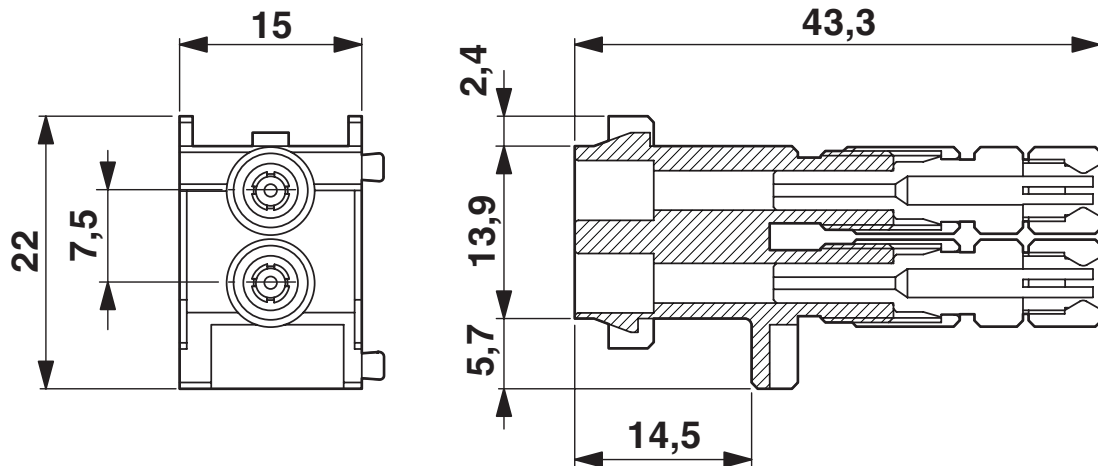
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Drawings

Dimensional drawing



Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%