PHŒNIX CONTACT

Housing - VC-MP-K3 - 1884584

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Coupling housing, made of metal, powder-coated type 3, number of modules 4, cable screw connection Pg21

Your advantages

☑ Space-saving PE connection to metal housing

☑ Any position can be a PE contact

RoHS

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	5 pc
GTIN	4 017918 164614
GTIN	4017918164614
Weight per Piece (excluding packing)	521.400 g
Custom tariff number	85389099
Country of origin	Poland

Technical data

Dimensions

Height	58 mm

Ambient conditions

Degree of protection	IP65/IP66/IP67
Ambient temperature (operation)	-40 °C ... 125 °C

General

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Technical data

General

Note	When using fiber optics, the bending radii of the cable manufacturers must be observed.
Type	VC3
Degree of protection	IP65/IP66/IP67
Locking type	Screw locking
Type of the screw connection	1x Pg21
Cable outlet	lateral
Number of module slots	4
Housing material	Zinc die-cast
Seal material	EPDM
Ambient temperature (operation)	-40 °C ... 125 °C

Standards and Regulations

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

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Technical data

Standards and Regulations

	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.
	• 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.

Environmental Product Compliance

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

Classifications

eCl@ss

eCl@ss 10.0.1	27440202
eCl@ss 4.0	27140800
eCl@ss 4.1	27140800
eCl@ss 5.0	27371200
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

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Classifications

UNSPSC

UNSPSC 6.01	31261502
UNSPSC 7.0901	31261502
UNSPSC 11	31261502
UNSPSC 12.01	31261502
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	EAC	B.01742

Accessories

Accessories

Half screw connection

Half screw connection - VC-M-KV-PG21(7-10,5) - 1853997

Half screw connection Pg21, made of metal, consisting of rubber seal with one hole and one pressure screw, for type 2 - 4 housings, cable [mm] 7 - 10.5

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Accessories

Half screw connection - VC-M-KV-PG21(9-13) - 1854006

Half screw connection Pg21, made of metal, consisting of rubber seal with one hole and one pressure screw, for type 2 - 4 housings, cable [mm] 9 - 13

Half screw connection - VC-M-KV-PG21(11,5-15,5) - 1854035

Half screw connection Pg21, made of metal, consisting of rubber seal with one hole and one pressure screw, for type 2 - 4 housings, cable [mm] 11.5 - 13.5

Half screw connection - VC-M-KV-PG21(14-18) - 1854048

Half screw connection Pg21, made of metal, consisting of rubber seal with one hole and one pressure screw, for type 2 - 4 housings, cable [mm] 14 - 18

Half screw connection - VC-M-KV-PG21(17-20,5) - 1854051

Half screw connection Pg21, made of metal, consisting of rubber seal with one hole and one pressure screw, for type 2 - 4 housings, cable [mm] 17 - 20.5

Cable gland - VC-M-KV-PG21(20X 7) - 1885305

Single screw connection Pg21, made of metal, consisting of rubber seal with a long hole and pressure screw, for type 2-4 housings, cable [mm] 20 x 7 mm (for flat-ribbon cable)

Multiple screw connection

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Accessories

Cable gland - VC-M-KV-PG21 1X6/2X9 - 1885619

Multiple screw connection Pg21, made of metal, consisting of rubber seal with several holes (1 x 6 mm/2 x 9 mm) and a pressure screw, for cable screw connection support VC-M-KV-PG21...

Half screw connection - VC-M-KV-PG21- 1X8,5/1X12 - 1854970

Half screw connection Pg21, made of metal, consisting of rubber seal with several holes (1 x 8.5 mm/1 x 12 mm) and one pressure screw, for type 2 - 4 housings

Cable gland - VC-M-KV-PG21 2X6/2X8 - 1885635

Multiple screw connection Pg21, made of metal, consisting of rubber seal with several holes (2 x 6 mm/2 x 8 mm) and a pressure screw, for cable screw connection support VC-M-KV-PG21...

Cable gland - VC-M-KV-PG21 2X7,2/1X10,5 - 1885648

Multiple screw connection Pg21, made of metal, consisting of rubber seal with several holes (2 x 7.2 mm/1 x 10.5 mm) and a pressure screw, for cable screw connection thread VC-M-KV-PG21...

Cable gland - VC-M-KV-PG21 3X7 - 1885651

Multiple screw connection Pg21, made of metal, consisting of rubber seal with several holes (3 x 7 mm) and a pressure screw, for cable screw connection thread VC-M-KV-PG21...

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Accessories

Cable gland - VC-M-KV-PG21 3X9 - 1885664

Multiple screw connection Pg21, made of metal, consisting of rubber seal with several holes (3 x 8 mm) and a pressure screw, for cable screw connection support VC-M-KV-PG21...

Cable gland - VC-M-KV-PG21 4X6,5 - 1885677

Multiple screw connection Pg21, made of metal, consisting of rubber seal with several holes (4 x 6.5 mm) and a pressure screw, for cable screw connection support VC-M-KV-PG21...

Cable gland - VC-M-KV-PG21 4X8 - 1885680

Multiple screw connection Pg21, made of metal, consisting of rubber seal with several holes (4 x 8 mm) and a pressure screw, for cable screw connection support VC-M-KV-PG21...

Marking label - VC-BZS WH - 1852875

Marker labels, unprinted, 5-section, for individual labeling with M-PEN or CMS system, white

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