PRC FT25-0-HSG - Device connector front mounting

1065795

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PHŒNIX CONTACT

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Device connector front mounting, Range of articles: PRC 35, color: black, rated voltage: 690 V AC, Connector housing without contact insert. Please order the appropriate contact inserts according to the accessories list

Your advantages

- Versatile interfaces with straight and angled connector housings
- Universal accommodation of existing connector heads with screw connection technology
- Modular system for optimized storage
- Locking mechanism can be unlocked manually or using a tool
- Ideal for indoor and outdoor use due to weatherproof materials

Commercial data

Item number	1065795
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB03
Product key	ABLCAD
GTIN	4055626728384
Weight per piece (including packing)	30.2 g
Weight per piece (excluding packing)	16.126 g
Customs tariff number	85389099
Country of origin	PL

Technical data

Notes

Order information:	Connector housing without contact insert. Please order the appropriate contact inserts according to the accessories list

Safety note

Safety note	• 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.
	WARNING: The connectors may not be plugged in or disconnected under load. Ignoring the warning or improper use may damage persons and/or property.
	• 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.
	• Operate the connector only when it is fully plugged in and interlocked.
	• 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	Panel feed-through
Product family	PRC 35

Insulation characteristics

Protection class	II
Degree of pollution	2

Dimensions

Width	37.6 mm
Height	37.6 mm
Length	51.6 mm

Electrical properties

Rated voltage (III/2)	690 V
Nominal voltage ATD	690 V AC (III/2.00) in accordance with IEC 61984
	600 V AC (III/2.00) In accordance with UL 2238
	500 V DC (III/2.00) in accordance with IEC 61535, when mounted
Rated surge voltage (III/3)	6 kV

Material specifications

Color (Housing)	black (RAL 9005)
Color of the housing part	black
Material Housing	PPE
Material Screw connection	PPE
Material Seal	Silicon
Flammability rating according to UL 94	V0
Insulating material group	I / CTI 6000

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP66
	IP68 (2 m / 24 h)
	IP69
	IP66/IP68 (2 m / 24 h) IP69K
Category of shock impact	IK08 (-25°C)
Ambient temperature (operation)	-40 °C ... 105 °C (dependent on the derating curve)

Ambient temperature (storage/transport)	-40 °C ... 70 °C
Ambient temperature (assembly)	-5 °C ... 85 °C

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1065795

cUL Recognized
Approval ID: E468743-20200116

UL Recognized
Approval ID: E468743-20200116

VDE Zeichengenehmigung
Approval ID: 40054228

VDE Zeichengenehmigung
Approval ID: 40054231

Classifications

ECLASS

ECLASS-13.0	27440602
ECLASS-15.0	27440602

ETIM

ETIM 9.0	EC002566

UNSPSC

UNSPSC 21.0	39121400

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.)	Triphenyl phosphate(CAS: 115-86-6)
SCIP	c639faa1-34cc-4ee1-a0f6-9422b4ee3cf0