PRC COVER M - Protective cap

1409237

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Protective cap, Range of articles: PRC 35, color: black, rated voltage: 1000, Suitable for connectors (MS)

Your advantages

- Reliable protection against environmental influences when not plugged in
- Ideal for indoor and outdoor use due to weatherproof materials
- Suitable for applications in atmospheres containing salt and in direct sunlight

Commercial data

Item number	1409237
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	AB03
Product key	ABLCZC
GTIN	4046356867764
Weight per piece (including packing)	4.25 g
Weight per piece (excluding packing)	3.642 g
Customs tariff number	39269097
Country of origin	DE

Technical data

Notes

Notes on operation	Suitable for connectors (MS)

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	Protective cap
Product family	PRC 35

Insulation characteristics

Protection class	II (double or reinforced insulation)
Degree of pollution	2

Electrical properties

Rated voltage	1000 (III/2) DIN VDE 60664-1
	600 V AC / DC (III/2) in accordance with UL 2238 / UL 2237
	500 V AC / DC (III/2) in accordance with IEC 61535, when mounted

Dimensions

Width	37.8 mm
Height	20.8 mm
Length	26.4 mm

Material specifications

Color (Protective cap)	black (RAL 9005)
Color of the housing part	black
Material Housing	PPE
Flammability rating according to UL 94	V0

Cable/line

Halogen-free	yes (in accordance with IEC 61249-2-21:2003- 11 Cl.3.1)

Environmental and real-life conditions

Ambient conditions

Degree of protection (when plugged in)	IP66
Degree of protection	IP66
	IP68 (2 m / 24 h)
	IP69
	IP66/IP68 (2 m / 24 h)
Category of shock impact	IK08 (-25°C)
Ambient temperature (operation)	-40 °C ... 105 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Ambient temperature (assembly)	5 °C ... 85 °C

Classifications

ECLASS

ECLASS-13.0	27440691
ECLASS-15.0	27440691

ETIM

ETIM 10.0	EC002863

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)

EF3.1 Climate Change

CO2e kg	0.07 kg CO2e

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