

PRC ED-H 4 CUT OUT - Empty enclosure



1079658

<https://www.phoenixcontact.com/us/products/1079658>

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Empty enclosure, Range of articles: PRC 35, housing material: Polycarbonate fiber reinforced, color: black, rated voltage: 400 V

Your advantages

- Time-saving plug-and-play installation with preassembled distributor boxes
- Locking mechanism can be unlocked manually or using a tool
- Ideal for indoor and outdoor use due to weatherproof materials
- Customer-specific versions and assembly available on request

Commercial data

Item number	1079658
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB03
Product key	ABLCCA
GTIN	4055626801018
Weight per piece (including packing)	318.8 g
Weight per piece (excluding packing)	318.8 g
Customs tariff number	85472000
Country of origin	PL

Technical data

Notes

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](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.
- 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

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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	Power distributor
Product family	PRC 35

Data management status

Article revision	03
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Insulation characteristics

Protection class	II
Degree of pollution	2

Dimensions

Width	129 mm
Height	129 mm
Length	77 mm

Electrical properties

Nominal voltage ATD	400 V (III/2.00)
Rated surge voltage (III/2)	8 kV

Material specifications

Color	black
Color of the housing part	black
Flammability rating according to UL 94	V0
Seal material	TPE
Housing material	Polycarbonate fiber reinforced
Contact surface material	Sn
Material of locking screw	Polycarbonate, fiber-reinforced
Material for screw connection	PPE

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP66/67/69
Ambient temperature (operation)	-40 °C ... 70 °C (Depending on the current carrying capacity/derating curve)
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Ambient temperature (assembly)	-5 °C ... 85 °C

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Classifications

ECLASS

ECLASS-11.0	27440109
ECLASS-12.0	27440109
ECLASS-13.0	27440109

ETIM

ETIM 9.0	EC003569
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UNSPSC

UNSPSC 21.0	39121400
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Accessories

PRC FT25-0-HSG - Device connector front mounting

1065795

<https://www.phoenixcontact.com/us/products/1065795>



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

PRC 5-HEAD-FS6-1 - Contact carrier

1070197

<https://www.phoenixcontact.com/us/products/1070197>



Contact carrier, Range of articles: PRC 35, design: Release with tool or by hand (see accessories), housing material: PPE, color: black, number of positions: 5, min. conductor cross section: 1.5 mm², max. conductor cross section: 6 mm², rated voltage: 690 V AC, rated current: 35 A, Connection method: Screw connection, Contact connection type: Socket, Contact insert without connector housing. Please order the appropriate connector housings according to the accessories list.

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PRC 3-HEAD-FS6-1 - Contact carrier

1070198

<https://www.phoenixcontact.com/us/products/1070198>



Contact carrier, Range of articles: PRC 35, design: Release with tool or by hand (see accessories), housing material: PPE, color: black, number of positions: 3, min. conductor cross section: 1.5 mm², max. conductor cross section: 6 mm², rated voltage: 690 V AC, rated current: 35 A, Connection method: Screw connection, Contact connection type: Socket, Contact insert without connector housing. Please order the appropriate connector housings according to the accessories list.

PRC 5-HEAD-MS6-2 - Contact carrier

1070199

<https://www.phoenixcontact.com/us/products/1070199>



Contact carrier, Range of articles: PRC 35, housing material: PPE, color: black, number of positions: 5, min. conductor cross section: 1.5 mm², max. conductor cross section: 6 mm², rated voltage: 690 V AC, rated current: 35 A, Connection method: Screw connection, Contact connection type: Pin, Contact insert without connector housing. Please order the appropriate connector housings according to the accessories list.

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PRC 3-HEAD-MS6-2 - Contact carrier

1070200

<https://www.phoenixcontact.com/us/products/1070200>



Contact carrier, Range of articles: PRC 35, housing material: PPE, color: black, number of positions: 3, min. conductor cross section: 1.5 mm², max. conductor cross section: 6 mm², rated voltage: 690 V AC, rated current: 35 A, Connection method: Screw connection, Contact connection type: Pin, Contact insert without connector housing. Please order the appropriate connector housings according to the accessories list.

PRC 5-FT25-MC - Device connector rear mounting

1409206

<https://www.phoenixcontact.com/us/products/1409206>



Device connector rear mounting, Range of articles: PRC 35, housing material: PPE, color: black, number of positions: 5, rated voltage: 690 V AC, rated current: 35 A, Connection method: Crimp connection, Contact connection type: Pin, This item is also available with other cable lengths. For your specific requirements, please contact your local PHOENIX CONTACT subsidiary.

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PRC 5-FT25-MC4-150 - Device connector rear mounting

1409212

<https://www.phoenixcontact.com/us/products/1409212>



Device connector rear mounting, Range of articles: PRC 35, housing material: PPE, color: black, number of positions: 5, max. conductor cross section: 4 mm², rated voltage: 690 V AC, rated current: 32 A, Connection method: Crimp connection, Contact connection type: Pin, cable length: 150, This item is also available with other cable lengths. For your specific requirements, please contact your local PHOENIX CONTACT subsidiary.

PRC 3-FT25-MC - Device connector rear mounting

1409218

<https://www.phoenixcontact.com/us/products/1409218>



Device connector rear mounting, Range of articles: PRC 35, housing material: PPE, color: black, number of positions: 3, rated voltage: 690 V AC, rated current: 35 A, Connection method: Crimp connection, Contact connection type: Pin, This item is also available preassembled. For your requirements, please contact your local Phoenix Contact subsidiary.

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PRC 3-FT25-MC4-150 - Device connector rear mounting

1409220

<https://www.phoenixcontact.com/us/products/1409220>



Device connector rear mounting, Range of articles: PRC 35, housing material: PPE, color: black, number of positions: 3, max. conductor cross section: 4 mm², rated voltage: 690 V AC, rated current: 32 A, Connection method: Crimp connection, Contact connection type: Pin, cable length: 150, This item is also available with other cable lengths. For your specific requirements, please contact your local PHOENIX CONTACT subsidiary.

PRC 3-FT25-MC WO NUT - Device connector rear mounting

1627608

<https://www.phoenixcontact.com/us/products/1627608>



Device connector rear mounting, Range of articles: PRC 35, housing material: PPE, color: black, number of positions: 3, rated voltage: 690 V AC, rated current: 35 A, Connection method: Crimp connection, Contact connection type: Pin, Nut must be ordered separately

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PRC 5-FT25-MC WO NUT - Device connector rear mounting

1627609

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Device connector rear mounting, Range of articles: PRC 35, housing material: PPE, color: black, number of positions: 5, rated voltage: 690 V AC, rated current: 35 A, Connection method: Crimp connection, Contact connection type: Pin, Nut must be ordered separately

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