PRC ED-H 1I3/3O3-4-HR-GN - H distributor

1079651

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H distributor, Range of articles: PRC 35, design: H distributor, color: black, number of positions: 3, rated voltage: 400 V, rated current: 32 A, Connection method: Preassembled, Alternatively, this item can be wired. For your specific requirements, please contact your local PHOENIX CONTACT subsidiary.

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	1079651
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB03
Product key	ABLCCA
GTIN	4055626800707
Weight per piece (including packing)	691.691 g
Weight per piece (excluding packing)	691.691 g
Customs tariff number	85444290
Country of origin	PL

Technical data

Notes

Order information:	Alternatively, this item can be wired. For your specific requirements, please contact your local PHOENIX CONTACT subsidiary.

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	Power distributor
Product family	PRC 35
Type	H distributor
Number of positions	3
Coding	AD

Insulation characteristics

Protection class	II
Degree of pollution	2

Connection data

Connection technology

Connection method	Preassembled

Dimensions

Width	238 mm
Height	129 mm
Length	77 mm

Electrical properties

Rated voltage	400 V (III/2)
Rated surge voltage (III/2)	8 kV
Rated current	32 A (observe derating)

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	2000
Insertion force	70 N ±10 N

Material specifications

Color (Housing)	black (RAL 9005)
Color of the housing part	black
Material Housing	Polycarbonate
Material Contact carrier	PPE (Contact carrier)
Material Contact	CuZn (Contact material, Pb < 0.1)
Flammability rating according to UL 94	V0

Seal material	TPE
Contact surface material	Sn
O-ring material	Silicon
Material of locking screw	Polycarbonate, fiber-reinforced

Cable/line

Halogen-free	yes

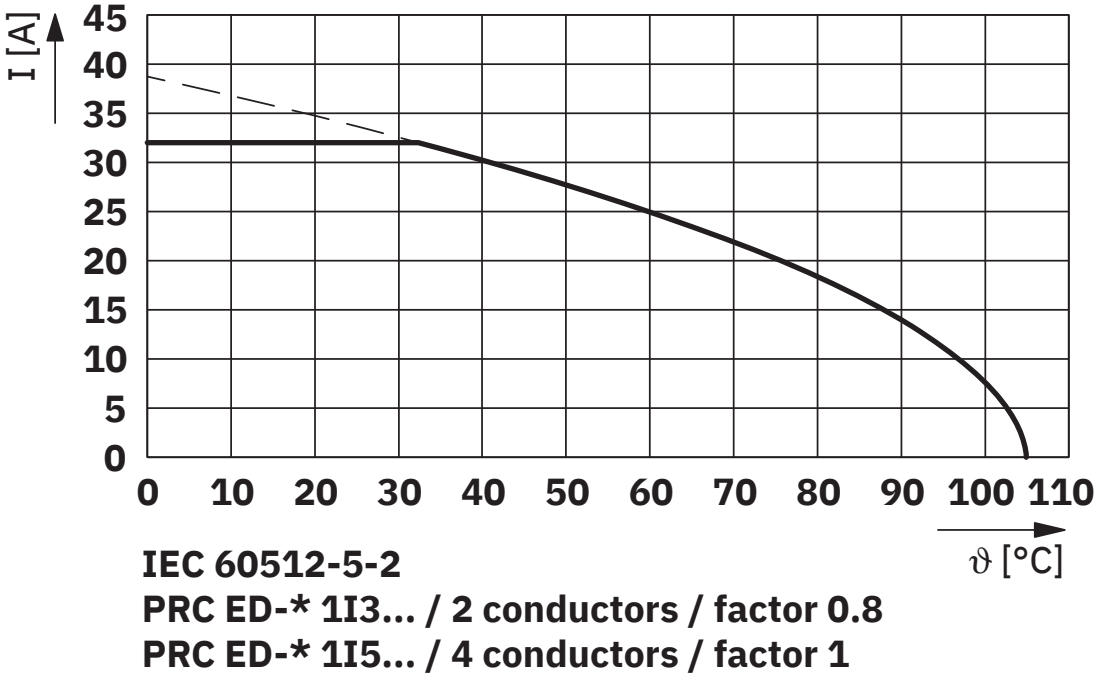
Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65
	IP66
	IP69
	IP66/IP67/IP69
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

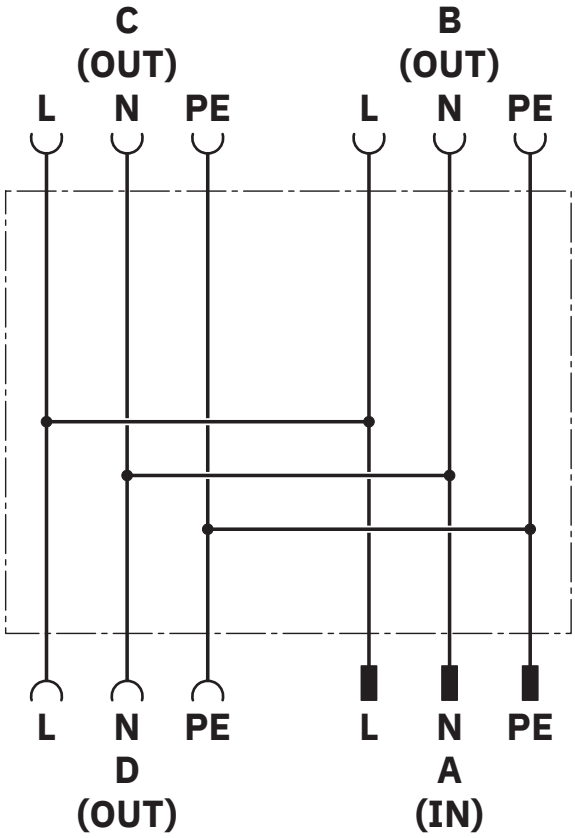
Drawings

Diagram



Derating

Circuit diagram



Classifications

ECLASS

ECLASS-13.0	27440603
ECLASS-15.0	27440603

ETIM

ETIM 10.0	EC002567

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	786760f2-ac1f-4162-9736-b9fb320fc90a

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