PRC ED-T 1I5/2O5-4-HR-GN - T distributor

1079659

https://www.phoenixcontact.com/us/products/1079659

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T distributor, Range of articles: PRC 35, design: T distributor, color: black, number of positions: 5, max. conductor cross-section: 4 mm^2, 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	1079659
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB03
Product key	ABLCCA
GTIN	4055626801025
Weight per piece (including packing)	665 g
Weight per piece (excluding packing)	555.334 g
Customs tariff number	85371098
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.
Note on application	For assembly notes, please refer to the packing slip

Product properties

Product type	Power distributor
Product family	PRC 35
Type	T distributor
Number of positions	5
Coding	AD

Insulation characteristics

Protection class	II (plastic housing)

Connection data

Connection technology

Connection method	Preassembled

Dimensions

Width	180 mm
Height	159 mm
Length	70 mm

Electrical properties

Rated voltage	400 V (III/2)
Rated surge voltage (III/2)	8 kV
Rated current	32 A (in accordance with IEC 61984)

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	2000 (Test specification: IEC 60512-13-2)
Insertion force	50 N ±10 N (Test specification: IEC 60512-13-2)

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

Single wire, cross section	4 mm²
Halogen-free	yes (in accordance with IEC 61249-2-21:2003- 11 Cl.3.1)

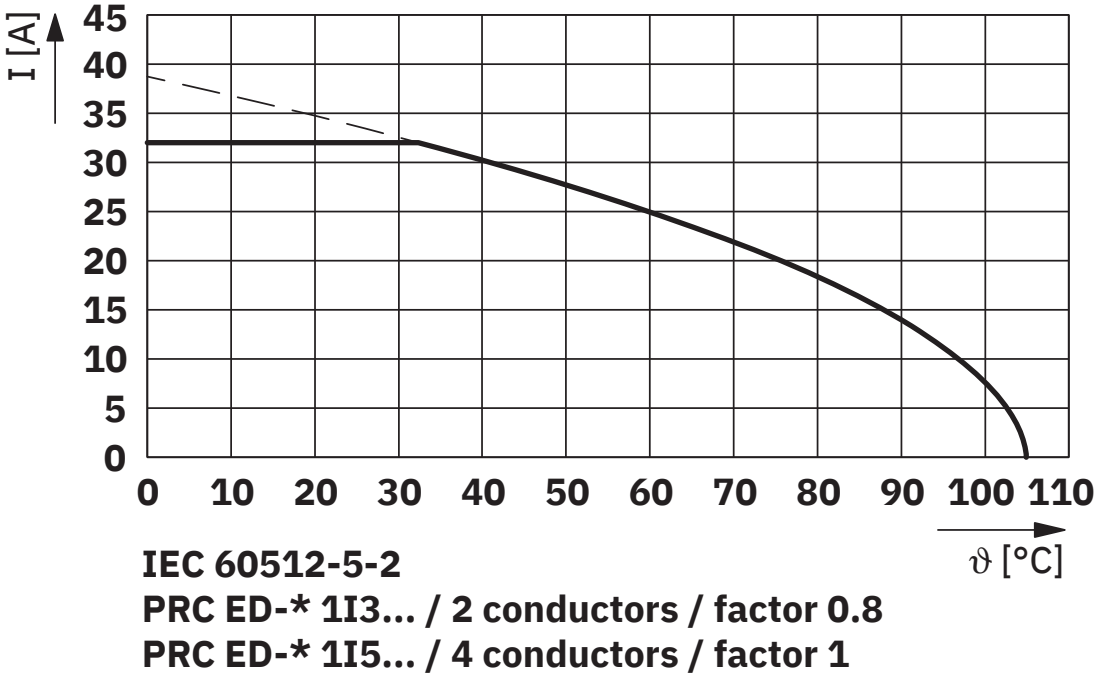
Environmental and real-life conditions

Ambient conditions

Degree of protection	IP66
	IP67
	IP69
Category of shock impact	IK08 (-25°C)
Ambient temperature (operation)	-40 °C ... 70 °C (observe derating)
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Ambient temperature (assembly)	-5 °C ... 85 °C

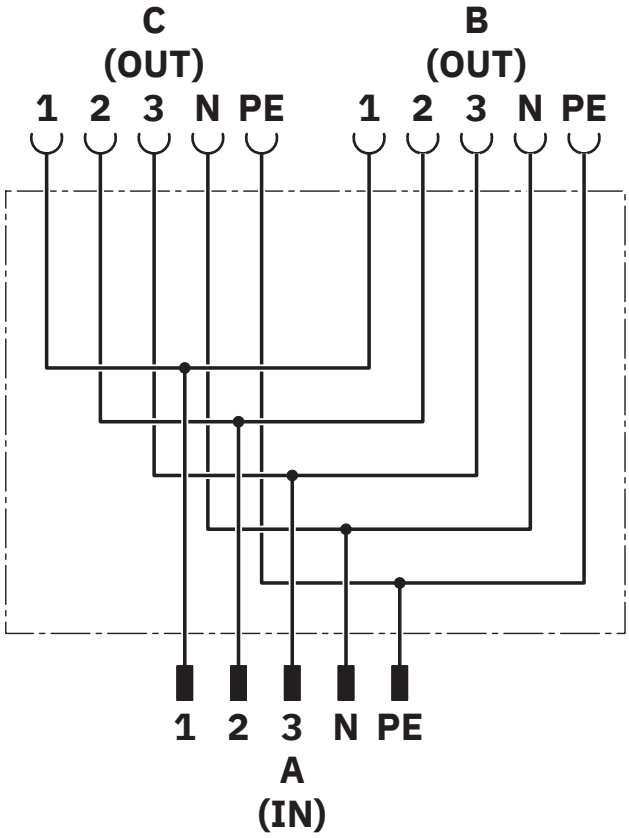
Drawings

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	87ae10d8-4ca0-43a6-8082-81caedf2f77f

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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com