

# 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<sup>2</sup>, 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)
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### Dimensions

Width	180 mm
Height	159 mm
Length	70 mm

### Electrical properties

Rated voltage	400 V (III/2.00)
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

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## Cable/line

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

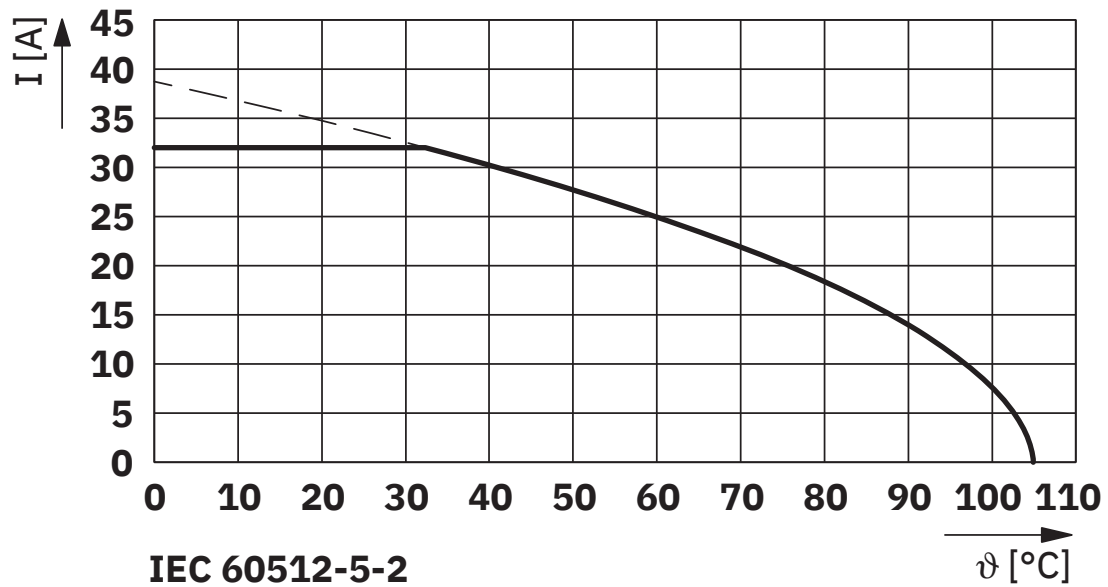
## Environmental and real-life conditions

### 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



**IEC 60512-5-2**

**PRC ED-\* 1I3... / 2 conductors / factor 0.8**

**PRC ED-\* 1I5... / 4 conductors / factor 1**

Derating

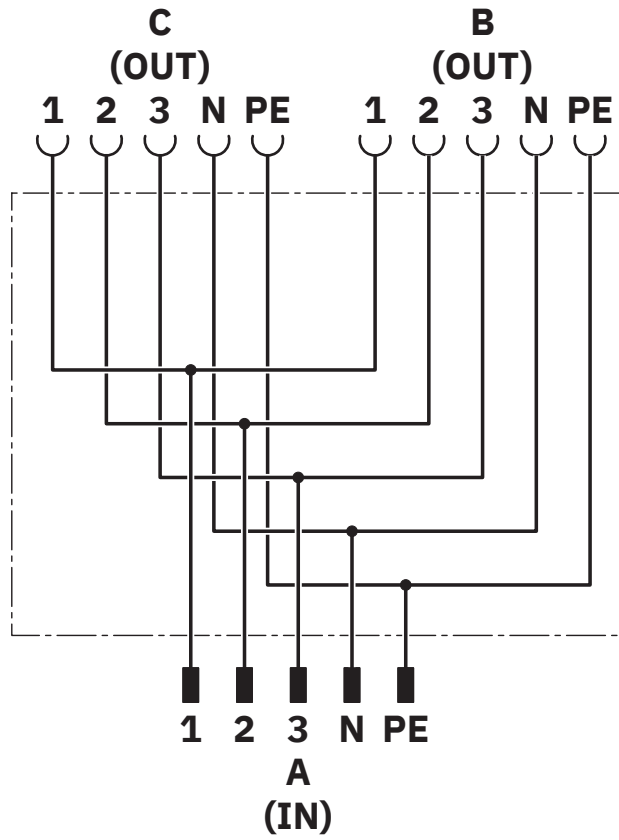
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Circuit diagram



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## Classifications

### ECLASS

ECLASS-13.0	27440603
ECLASS-15.0	27440603

### ETIM

ETIM 10.0	EC002567
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### 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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