

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 mm², 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) |
|------------------|----------------------|

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

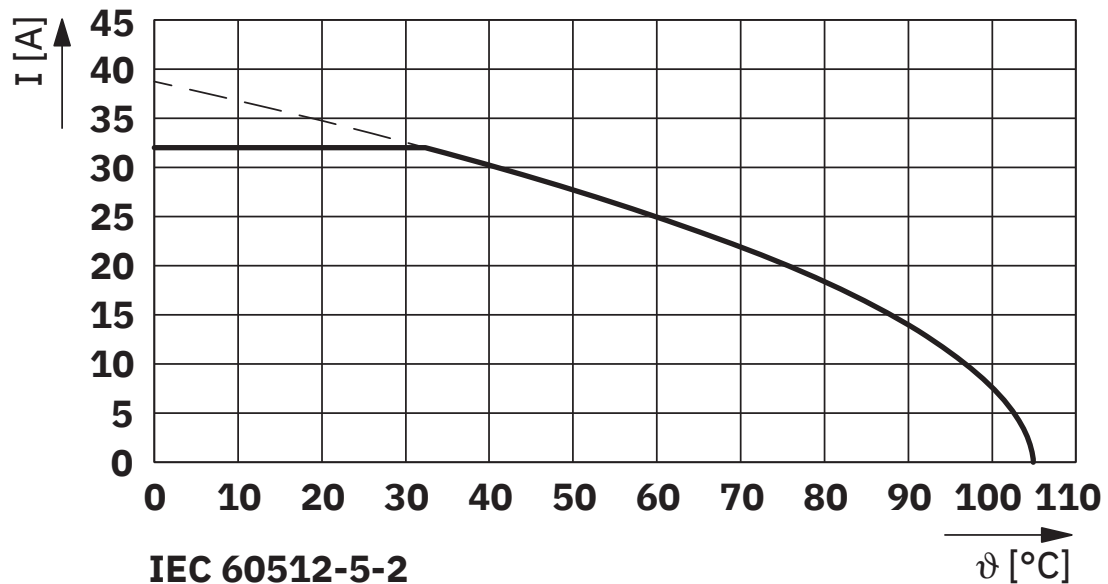
Environmental and real-life conditions

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

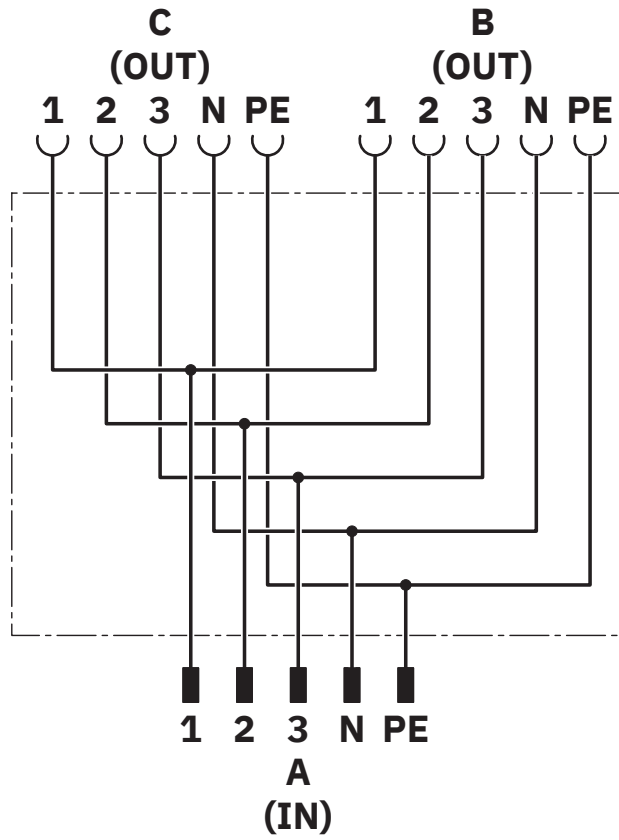
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Circuit diagram



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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27440603 |
| ECLASS-15.0 | 27440603 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC002567 |
|-----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 39121400 |
|-------------|----------|

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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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