

H distributor - QPD H 4PE6,0 BK - 1411426

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QUICKON H-distributor, black, 4+PE-pos., 2.5 mm² ... 6.0 mm²/690 V/40 A, without QUICKON nut.

Your advantages

- ✓ Innovative and time saving - QUICKON fast connection for time saving of up to 80 % for on-site connection
- ✓ Convenient: quick and easy assembly without special tools
- ✓ Robust throughout: housing with IP68/IP69K and IK07 protection for a wide range of applications
- ✓ Safer connection thanks to polarization against mismatching and touch-proof protection according to DIN EN 0105
- ✓ Flexible and compact - by connecting connections internally, H and T-distributors can be used to branch master cables or they can be used as star distributors

Key Commercial Data

| | |
|--------------|---------------|
| Packing unit | 1 pc |
| GTIN | |
| GTIN | 4046356932264 |

Technical data

General

| | |
|---------------------------------------|---------------------|
| Type | H-distributor |
| Color | black |
| Locking type | Screw locking |
| Connection method | QUICKON connection |
| | IDC connection |
| Number of positions | 5 |
| Note number of positions | 4+PE |
| Wrench size, union nut | 30 mm |
| Tightening torque, union nut | 15 Nm |
| Number of connections | 5 |
| Conductor cross section flexible min. | 2.5 mm ² |

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Technical data

General

| | |
|---------------------------------------|---------------------|
| Conductor cross section flexible max. | 6 mm ² |
| Conductor cross section solid min. | 2.5 mm ² |
| Conductor cross section solid max. | 6 mm ² |
| Conductor cross section AWG min. | 14 |
| Conductor cross section AWG max. | 10 |

Cabel

| | |
|---|------------------------------------|
| Structure of individual litz in acc. with VDE 0295 / smallest wire diameter | VDE 0295 class 1 to 6/min. 0.15 mm |
| Wire insulation material | PVC/PE/TPE/rubber |
| Wire diameter including insulation | 2.95 mm ... 5 mm |
| Position marking | 1, 2, 3, N, PE |

Ambient conditions

| | |
|---|-------------------|
| Degree of protection | IP66 |
| | IP68 (2 m / 24 h) |
| | IP69K |
| Ambient temperature (operation) | -40 °C ... 100 °C |
| Ambient temperature (storage/transport) | -40 °C ... 100 °C |
| Temperature when conductor connected | -5 °C ... 50 °C |

Electrical characteristics

| | |
|--------------------------------|--------|
| Nominal current I _N | 40 A |
| Rated current | 40 A |
| Rated voltage (III/3) | 690 V |
| Rated voltage (III/2) | 1000 V |
| Rated voltage (II/2) | 1000 V |
| Rated surge voltage (III/3) | 6 kV |
| Rated surge voltage (III/2) | 8 kV |
| Rated surge voltage (II/2) | 8 kV |

Mechanical characteristics

| | |
|--------------------------|---------|
| QUICKON connectability | max. 10 |
| Category of shock impact | IK07 |

Material data

| | |
|--|---------------|
| Contact material | Cu |
| Contact surface material | silver-plated |
| Contact carrier material | PA |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Overvoltage category | III |
| Degree of pollution | 3 |

Standards and Regulations

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Technical data

Standards and Regulations

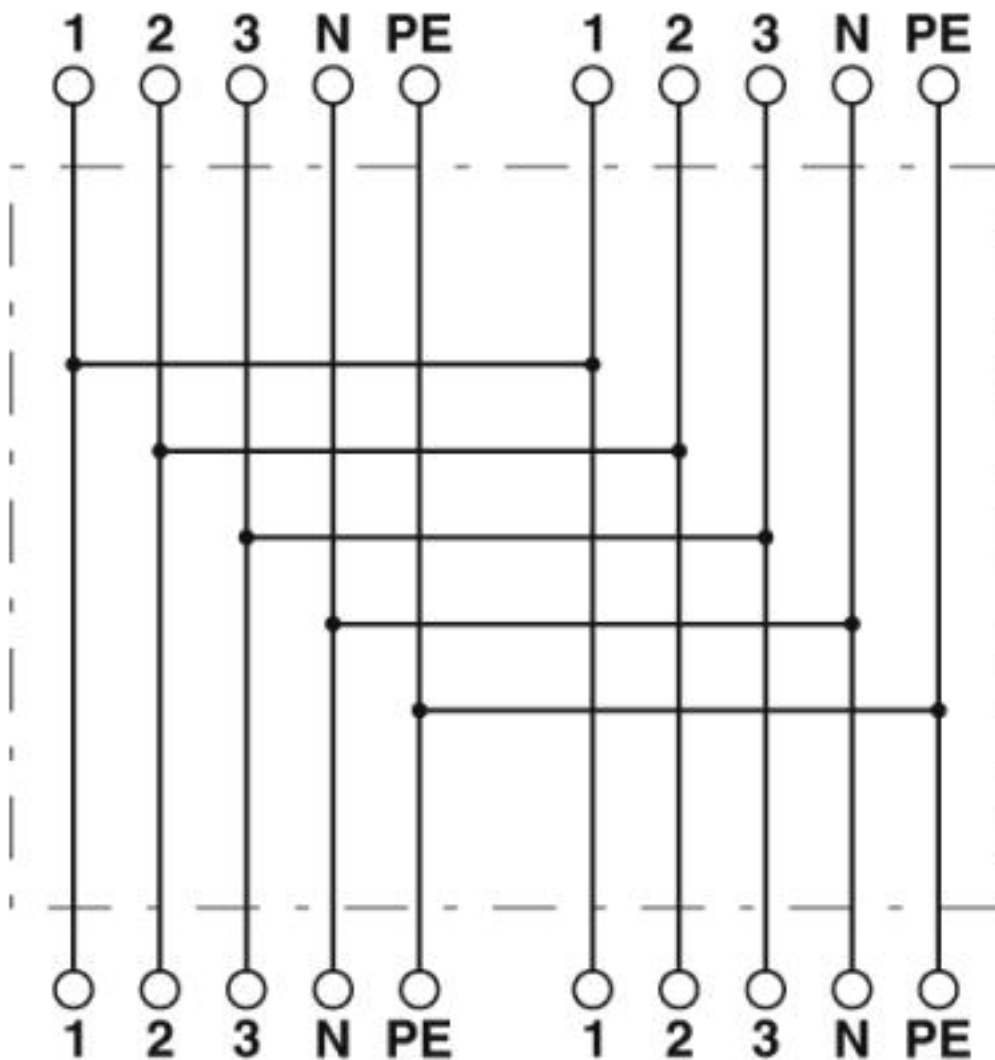
| | |
|--|-----|
| Halogen-free | yes |
| Flammability rating according to UL 94 | V0 |

Environmental Product Compliance

| | |
|--|----------------|
| | Lead 7439-92-1 |
|--|----------------|

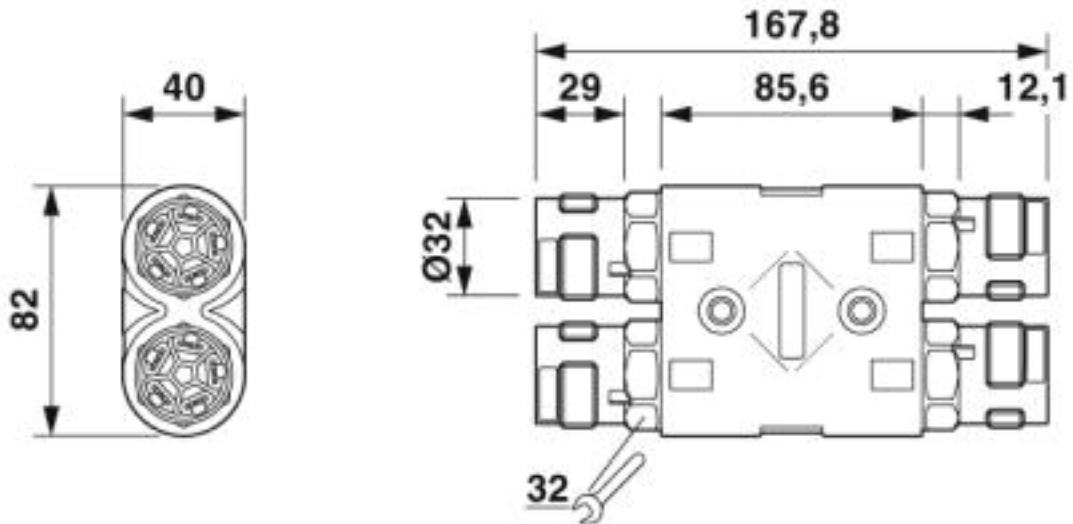
Drawings

Circuit diagram



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Dimensional drawing



Dimensional drawing

Approvals

Approvals

Approvals

IECEE CB Scheme / VDE Zeichengenehmigung / EAC / DNV GL

Ex Approvals

Approval details

| | | | |
|-----------------|--|---|-----------|
| IECEE CB Scheme | | http://www.iecee.org/ | DE1-61559 |
|-----------------|--|---|-----------|

| | | | |
|------------------------|--|---|----------|
| VDE Zeichengenehmigung | | http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx | 40029149 |
|------------------------|--|---|----------|

| | |
|----------------------------|-------|
| Nominal voltage UN | 690 V |
| Nominal current IN | 40 A |
| mm ² /AWG/kcmil | 2.5-6 |

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Approvals

| | | | |
|-----|---|--|--------------------------|
| EAC |  | | RU C- DE.AI30.B.01102 |
|-----|---|--|--------------------------|

| | | | |
|--------|---|---|------------|
| DNV GL |  | https://approvalfinder.dnvgl.com/ | TAE00003J5 |
|--------|---|---|------------|

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