

H distributor - QPD H 3PE1,5 4X4-9 BK - 1414715

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



H distributor, QUICKON connection, No. of pos.: 3+PE, 0.5 mm² ... 1.5 mm², 690 V, 17.5 A, black, Cable diameter: 5 mm ... 9.5 mm, with a sealing bolt

Why buy this product

- ✓ 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 STK |
| GTIN |  4 055626 032153 |
| GTIN | 4055626032153 |
| Weight per Piece (excluding packing) | 180.000 g |
| Custom tariff number | 85366990 |
| Country of origin | Poland |

Technical data

General

| | |
|-------------------|--------------------|
| Design | H-distributor |
| Color | black |
| Locking type | Screw locking |
| Connection method | QUICKON connection |

H distributor - QPD H 3PE1,5 4X4-9 BK - 1414715

Technical data

General

| | |
|---------------------------------------|---------------------|
| | IDC connection |
| Number of positions | 4 |
| Note number of positions | 3+PE |
| Wrench size, union nut | 19 mm |
| Tightening torque, union nut | 5 Nm |
| Number of connections | 4 |
| Conductor cross section flexible min. | 0.5 mm ² |
| Conductor cross section flexible max. | 1.5 mm ² |
| Conductor cross section solid min. | 0.5 mm ² |
| Conductor cross section solid max. | 1.5 mm ² |
| Conductor cross section AWG min. | 20 |
| Conductor cross section AWG max. | 16 |

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 | 1.6 mm ... 3 mm |
| External cable diameter | 5 mm ... 9.5 mm |
| Position marking | 1, 2, 3, PE |

Ambient conditions

| | |
|---|-------------------|
| Degree of protection | IP66 |
| | IP68 () |
| | IP69K |
| Ambient temperature (operation) | -40 °C ... 100 °C |
| Ambient temperature (storage/transport) | -40 °C ... 80 °C |
| Temperature when conductor connected | -5 °C ... 50 °C |

Electrical characteristics

| | |
|--------------------------------|--------|
| Nominal current I _N | 17.5 A |
| Rated current | 17.5 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

H distributor - QPD H 3PE1,5 4X4-9 BK - 1414715

Technical data

Mechanical characteristics

| | |
|-----------------------------|----------------------------------|
| QUICKON connectability | max. 10 |
| Insertion/withdrawal cycles | 10 (Quickon connections max. 10) |
| Category of shock impact | IK07 |

Material data

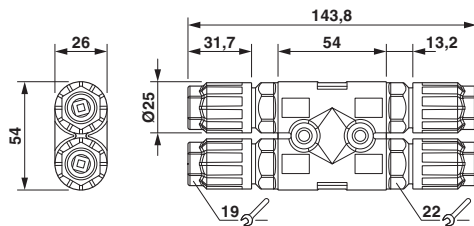
| | |
|--|---------------|
| Contact material | Cu |
| Contact surface material | silver-plated |
| Contact carrier material | PA |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Overvoltage category | III |
| Degree of pollution | 3 |

Standards and Regulations

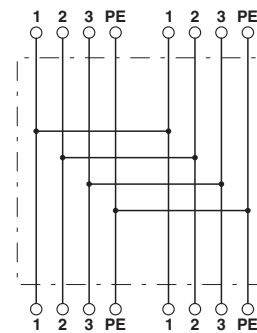
| | |
|--|----|
| Flammability rating according to UL 94 | V0 |
|--|----|

Drawings

Dimensional drawing



Circuit diagram



Dimensional drawing

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 5.1 | 27143424 |
| eCl@ss 6.0 | 27143424 |
| eCl@ss 8.0 | 27440603 |
| eCl@ss 9.0 | 27440106 |

ETIM

| | |
|----------|----------|
| ETIM 5.0 | EC002567 |
|----------|----------|

H distributor - QPD H 3PE1,5 4X4-9 BK - 1414715

Classifications

ETIM

| | |
|----------|----------|
| ETIM 6.0 | EC002567 |
|----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 13.2 | 31251501 |
|-------------|----------|

Approvals

Approvals


Approvals


GL / VDE approval of drawings / IECEE CB Scheme

Ex Approvals

Approval details

| | | | |
|----|---|---|------------|
| GL |  | http://exchange.dnv.com/tari/ | 6195914 HH |
|----|---|---|------------|

| | | | |
|--------------------------------|---|---|----------|
| VDE approval of drawings |  | http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx | 40029149 |
| mm ² /AWG/kcmil | 0.5-1.5 | | |
| Nominal current I _N | 17.5 A | | |
| Nominal voltage U _N | 690 V | | |

| | | | |
|-----------------|---|---|-----------|
| IECEE CB Scheme |  | http://www.iecee.org/ | DE1-58228 |
|-----------------|---|---|-----------|

Accessories

Accessories

Coding element

H distributor - QPD H 3PE1,5 4X4-9 BK - 1414715

Accessories

Coding profile - CP-QPD 3/4X1,5 - 1414729



Coding profile red, for pushing into the QUICKON dome and connector, can be positioned in 90° steps.

Device marking

Engraving material - GPE 13X 9 WH - 0806932



Engraving material, Sheet, white, unlabeled, can be labeled with: P1 ENGRAVING UNIT, ENGRAVING UNIT, CMS-P1-PLOTTER, PLOTMARK, Mounting type: Adhesive, Lettering field: 13 x 9 mm

Plastic label - EMLP (13X9)R - 0819453



Plastic label, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, Mounting type: Adhesive, Lettering field: 13 x 9 mm

Protective cap

Protective cap - QPD QSK BK 3/4X1,5 FS - 1414722

Protective cap, plastic, for QUICKON connection, black, with retaining cord, IP68



Protective cap - QPD QSK 3/4X1,5 - 1414723



Protective cap plastic, for QPD-QUICKON connection 3(4) x 1.5 mm², IP54

H distributor - QPD H 3PE1,5 4X4-9 BK - 1414715

Accessories

Sealing plugs

Closing cap - SEALING PLUG 7X16 RD - 1400255



Closing cap, for closing unused bore holes in multiple seals and cable glands, diameter 7 mm
