

## H distributor - QPD H 4PE1,5 4X9-14 BK - 1414756

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H distributor, QUICKON connection, No. of pos.: 4+PE, 0.5 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>, 690 V, 17.5 A, black, Cable diameter: 9 mm ... 14 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 pc  |
| GTIN                                 | <br>4 055626 033655 |
| Weight per Piece (excluding packing) | 245.0 g   |
| Custom tariff number                 | 85366990  |
| Country of origin                    | Poland  |
| Note                                 | Made to Order (non-returnable)  |

### Technical data

#### General

|                              |                                      |
|------------------------------|--------------------------------------|
| Type                         | H-distributor                        |
| Color                        | black                                |
| Locking type                 | Screw locking                        |
| Connection method            | QUICKON connection<br>IDC connection |
| Number of positions          | 5                                    |
| Note number of positions     | 4+PE                                 |
| Wrench size, union nut       | 22 mm                                |
| Tightening torque, union nut | 5 Nm                                 |

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## Technical data

### General

|                                       |                     |
|---------------------------------------|---------------------|
| Number of connections                 | 5                   |
| Conductor cross section flexible min. | 0.5 mm <sup>2</sup> |
| Conductor cross section flexible max. | 1.5 mm <sup>2</sup> |
| Conductor cross section solid min.    | 0.5 mm <sup>2</sup> |
| Conductor cross section solid max.    | 1.5 mm <sup>2</sup> |
| Conductor cross section AWG min.      | 20                  |
| Conductor cross section AWG max.      | 16                  |

### Conductor

|   |                                    |
|---|------------------------------------|
| 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                  |
| External cable diameter   | 9 mm ... 14 mm                     |

### Ambient conditions

|   |                   |
|---|-------------------|
| Degree of protection                    | IP68 (2 m / 24 h) |
|   | IP69K             |
| Ambient temperature (operation)         | -40 °C ... 80 °C  |
| Ambient temperature (storage/transport) | -40 °C ... 80 °C  |
| Temperature when conductor connected    | -5 °C ... 50 °C   |

### Electrical characteristics

|                                |        |
|--------------------------------|--------|
| Nominal current I <sub>N</sub> | 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

|                             |                                  |
|-----------------------------|----------------------------------|
| QUICKON connectability      | max. 10                          |
| Insertion/withdrawal cycles | 10 (Quickon connections max. 10) |

### 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           |
| Pollution degree                       | 3             |

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## Classifications

eCl@ss

|            |          |
|------------|----------|
| eCl@ss 5.1 | 27143424 |
| eCl@ss 6.0 | 27143424 |

ETIM

|          |          |
|----------|----------|
| ETIM 5.0 | EC002635 |
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## Approvals

Approvals

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Approvals

GL

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Ex Approvals

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Approvals submitted

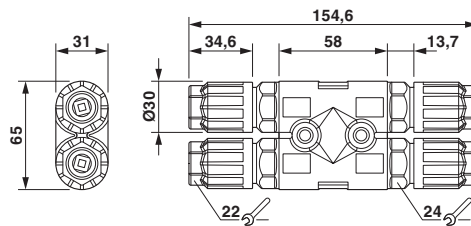
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Approval details

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| GL |
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## Drawings

Dimensional drawing



Dimensional drawing

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