

## H distributor - QPD H 3PE1,5 BK - 1414717

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 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>, 690 V, 17.5 A, black

### 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
Custom tariff number	85366990
Country of origin	Poland

### Technical data

#### General

Type	H-distributor
Color	black
Locking type	Screw locking
Connection method	QUICKON connection
	IDC connection
Number of positions	4
Note number of positions	3+PE
Wrench size, union nut	19 mm

# H distributor - QPD H 3PE1,5 BK - 1414717

## Technical data

### General

Tightening torque, union nut	5 Nm
Number of connections	4
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

### 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

### Ambient conditions

Degree of protection	IP68 ()
	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

# H distributor - QPD H 3PE1,5 BK - 1414717

## Technical data

### Material data

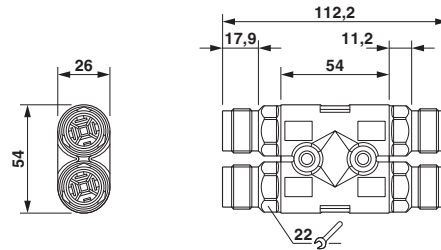
Overvoltage category	III
Degree of pollution	3

### Standards and Regulations

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

## Drawings

Dimensional drawing



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
----------	----------

## Approvals

Approvals

Approvals

GL

Ex Approvals

## H distributor - QPD H 3PE1,5 BK - 1414717

### Approvals

---

Approvals submitted

---

### Approval details

GL
----

---