

H distributor - QPD H 4PE2,5 BK - 1406370

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QUICKON H-distributor, black, 4+PE pos., 690 V/20 A, without QUICKON nut

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	5
Note number of positions	4+PE
Wrench size, union nut	27 mm

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Technical data

General

Tightening torque, union nut	10 Nm
Number of connections	4
Conductor cross section flexible min.	1 mm ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section solid min.	1 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section AWG min.	16
Conductor cross section AWG max.	14

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	2.5 mm ... 3.8 mm
External cable diameter	Order Quickon nuts or Quickon connectors separately

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 _N	20 A
Rated current	20 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	50 (Quickon connections max. 10)

Material data

Contact material	Cu
Contact surface material	silver-plated
Contact carrier material	PA

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Technical data

Material data

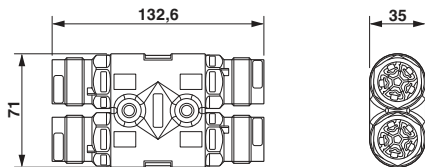
Insulating material	PA
Flammability rating according to UL 94	V0
Overvoltage category	III
Degree of pollution	3

Standards and Regulations

Flammability rating according to UL 94	V0
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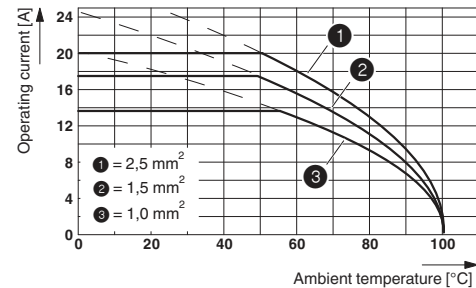
Drawings

Dimensional drawing



Dimensional drawing

Diagram



Classifications

eCl@ss

eCl@ss 4.0	27140815
eCl@ss 4.1	27140815
eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27143423
eCl@ss 7.0	27449001
eCl@ss 8.0	27440603
eCl@ss 9.0	27440106

ETIM

ETIM 3.0	EC000516
ETIM 4.0	EC000516
ETIM 5.0	EC002567

UNSPSC

UNSPSC 6.01	30211923
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Classifications

UNSPSC

UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121522

Approvals

Approvals


Approvals


VDE Zeichengenehmigung / IEC EE CB Scheme / GL / EAC / UL Listed / cUL Listed / cULus Listed

Ex Approvals

Approvals submitted

Approval details

VDE Zeichengenehmigung 	
mm ² /AWG/kcmil	1.0-2.5
Nominal current I _N	20 A
Nominal voltage U _N	690 V


IECEE CB Scheme 	
Nominal voltage U _N	690 V


GL

EAC

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Approvals

UL Listed 	
mm ² /AWG/kcmil	16
Nominal current I _N	10 A
Nominal voltage U _N	600 V

cUL Listed 	
mm ² /AWG/kcmil	16
Nominal current I _N	10 A
Nominal voltage U _N	600 V

cULus Listed 	
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