

H distributor - QPD H 3PE2,5 9-14 BK - 1582148


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://download.phoenixcontact.com>)



QUICKON H-distributor, black, 3 pos. +PE, 1.0 mm² ... 2.5 mm² / 630 V / 20 A, for cable diameters of 9 mm ... 14 mm, with a sealing bolt.



Key commercial data

Packing unit	0
Minimum order quantity	1
Catalog page	Page 94 (PC-2011)
GTIN	 4 046356 316811
Custom tariff number	85366990
Country of origin	GERMANY

Technical data

General characteristics

Design	H-distributor
Color	black
Locking type	Screw locking
Connection method	QUICKON connection
Connection method	IDC connection
Number of positions	4
Note number of positions	3+PE
Wrench size, union nut	22 mm
Tightening torque, union nut	5 Nm
Number of connections	4
Conductor cross section stranded min.	1.5 mm ²
Conductor cross section stranded 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/kcmil min.	16
Conductor cross section AWG/kcmil max	14

Conductor data

H distributor - QPD H 3PE2,5 9-14 BK - 1582148

Technical data

Conductor data

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
Wire diameter including insulation	2.5 mm ... 3.8 mm
External cable diameter	9 mm ... 14 mm

Environmental conditions

Degree of protection	IP68, 24 h / 2 m
----------------------	------------------

Electrical characteristics

Nominal current I_N	20 A
Rated current	20 A
Rated voltage (III/3)	630 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	CuZn
Contact surface material	Tin-plated
Contact carrier material	PA
Insulating material	PA
Inflammability class according to UL 94	V0
Surge voltage category	III
Pollution degree	3

Classifications

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002635
ETIM 5.0	EC002635

UNSPSC

UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121522
UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522

H distributor - QPD H 3PE2,5 9-14 BK - 1582148

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27143424
eCl@ss 5.1	27143424
eCl@ss 6.0	27143424
eCl@ss 7.0	27440209

Approvals

Approvals


Approvals


VDE Zeichengenehmigung / IECCEB Scheme / GOST / UL Listed / cUL Listed / cULus Listed

Ex Approvals

Approvals submitted

Approval details

VDE Zeichengenehmigung 	
mm ² /AWG/kcmil	1.5-2.5
Nominal current I _N	20 A
Nominal voltage U _N	690 V

IECCEB Scheme 	
mm ² /AWG/kcmil	1-2.5
Nominal current I _N	20 A
Nominal voltage U _N	690 V

GOST 	
--	--

H distributor - QPD H 3PE2,5 9-14 BK - 1582148

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	14
Nominal current I _N	15 A
Nominal voltage U _N	600 V

cULus Listed	
--------------	--

Accessories

Accessories

Plug/Adapter

Coding profile - CP-QPD - 1582459



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

Protection and sealing elements

Closing cap - SEALING PLUG 14X22 RD - 1400270



Closing cap, for closing unused bore holes in multiple seals and cable glands, diameter 14 mm

Tools

H distributor - QPD H 3PE2,5 9-14 BK - 1582148

Accessories

Socket wrench - QSS 22 - 1670206



Allen wrench, for loosening and fastening the QUICKON union nut, WAF 22 mm

Assembly clip - QPD CLIP 2,5 BK - 1582235



Holding clip for Quickon-H distributor, for snapping on and removal without tools.

Engraving material - GPE 13X 9 WH - 0806932



Engraving material, Sheet, white, Unlabeled, Can be labeled with: Gravur, Plotter, Mounting type: Adhesive, Lettering field: 13 x 9 mm

Protective cap - QPD QSK 2,5 FS - 1582488



Plastic protective cap, for QPD-QUICKON connectors, green, with holding band, IP68

Connectors - QPD P 3PE2,5 6-10 BK - 1582202



QUICKON-plug-in connector, black, 3+PE-pos., 1.0 mm² ... 2.5 mm²/630 V/20 A, with QUICKON nut, for cables with a diameter of 6 mm ... 10 mm.

H distributor - QPD H 3PE2,5 9-14 BK - 1582148

Accessories

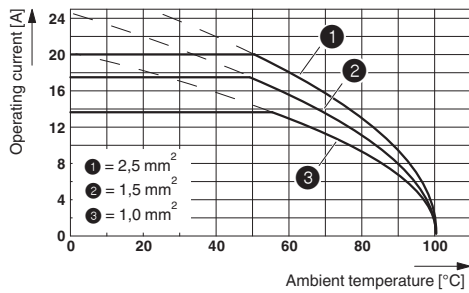
Connectors - QPD P 3PE2,5 9-14 BK - 1582205



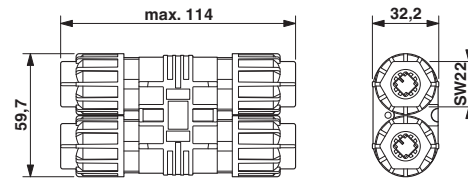
QUICKON plug-in connector, black, 3+PE-pos., 1.0 mm² ... 2.5 mm²/630 V/20 A, with QUICKON nut, for cables with a diameter of 9 mm ... 14 mm.

Drawings

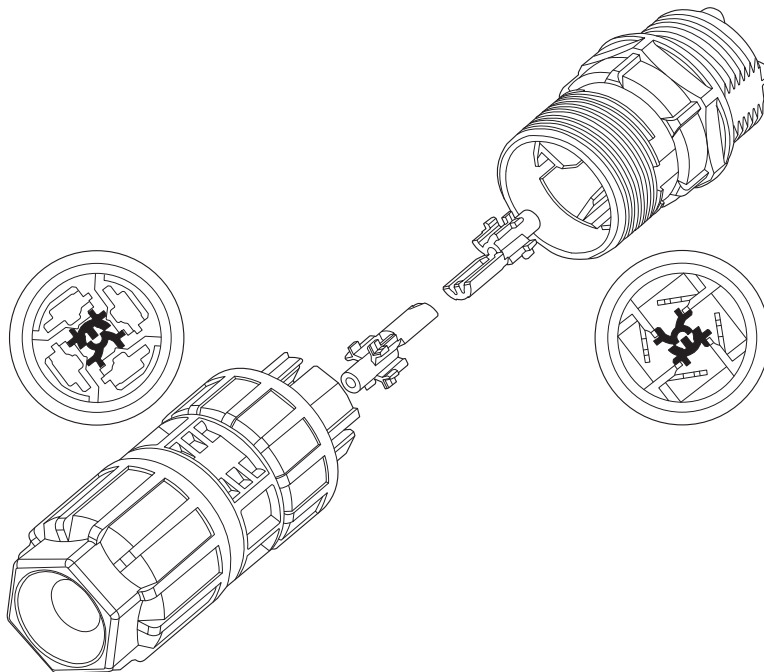
Diagram



Dimensioned drawing



Schematic diagram



Keying of the QUICKON plug-in connection