

H distributor - QPD H 4X2,5 GY - 1582260

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, number of positions: 4, 1 mm² ... 2.5 mm², 690 V, 20 A, gray, without QUICKON nut, cable diameter range: 6 mm ... 14 mm



Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356463409

Technical data

General

Type	H-distributor
Color	gray
Connection method	QUICKON connection
	IDC connection
Number of positions	4
Wrench size, union nut	22 mm
Tightening torque, union nut	5 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

H distributor - QPD H 4X2,5 GY - 1582260

Technical data

Cabel

Wire diameter including insulation	2 mm ... 3.8 mm
External cable diameter	6 mm ... 14 mm (Order Quickon nuts or Quickon connectors separately)
Position marking	1, 2, 3, 4

Ambient conditions

Degree of protection	IP66
	IP68 (2 m / 24 h)
	Distance from the nozzle 150 mm
Ambient temperature (operation)	-40 °C ... 100 °C
Ambient temperature (storage/transport)	-40 °C ... 100 °C
Temperature when conductor connected	-5 °C ... 50 °C

Electrical characteristics

Nominal current I_N	20 A
Nominal voltage U_N	690 V
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)
Category of shock impact	IK07 (-25 °C)

Material data

Contact material	CuZn
Contact surface material	Tin-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

Category of shock impact	IK07 (-25 °C)
Flammability rating according to UL 94	V0

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
------------	---

H distributor - QPD H 4X2,5 GY - 1582260

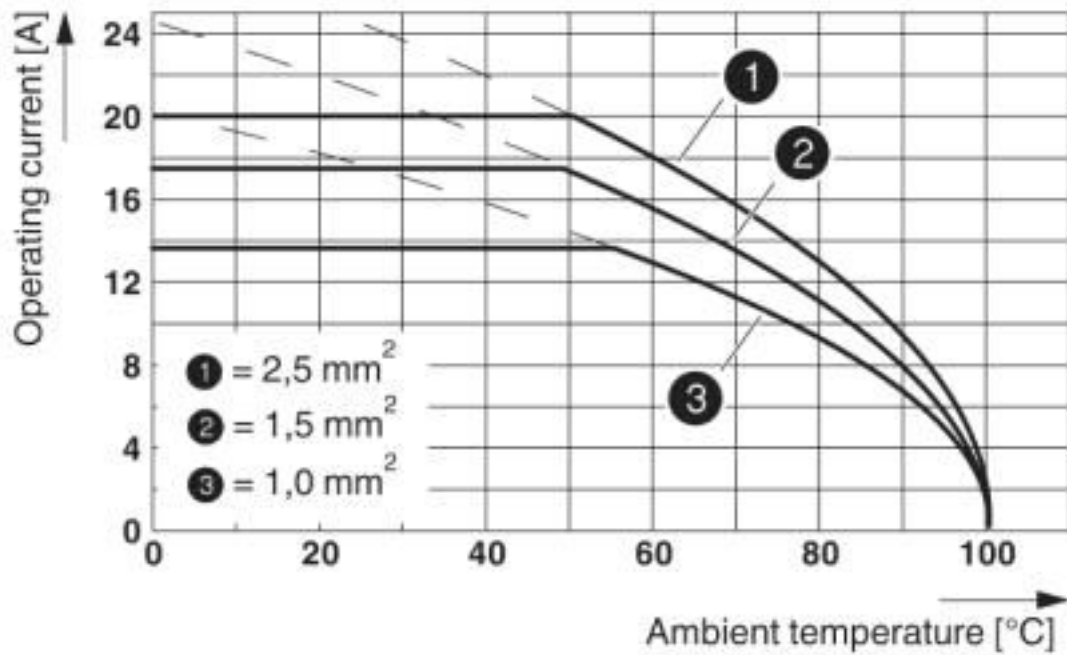
Technical data

Environmental Product Compliance

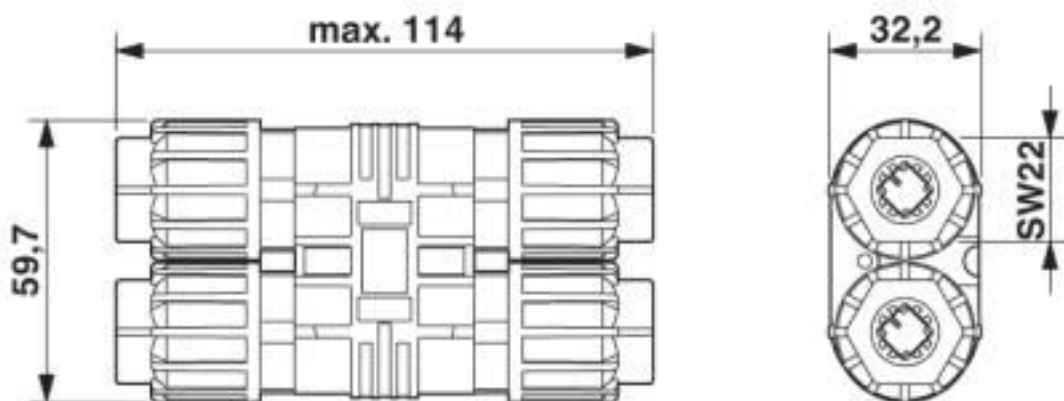
	No hazardous substances above threshold values
--	--

Drawings

Diagram

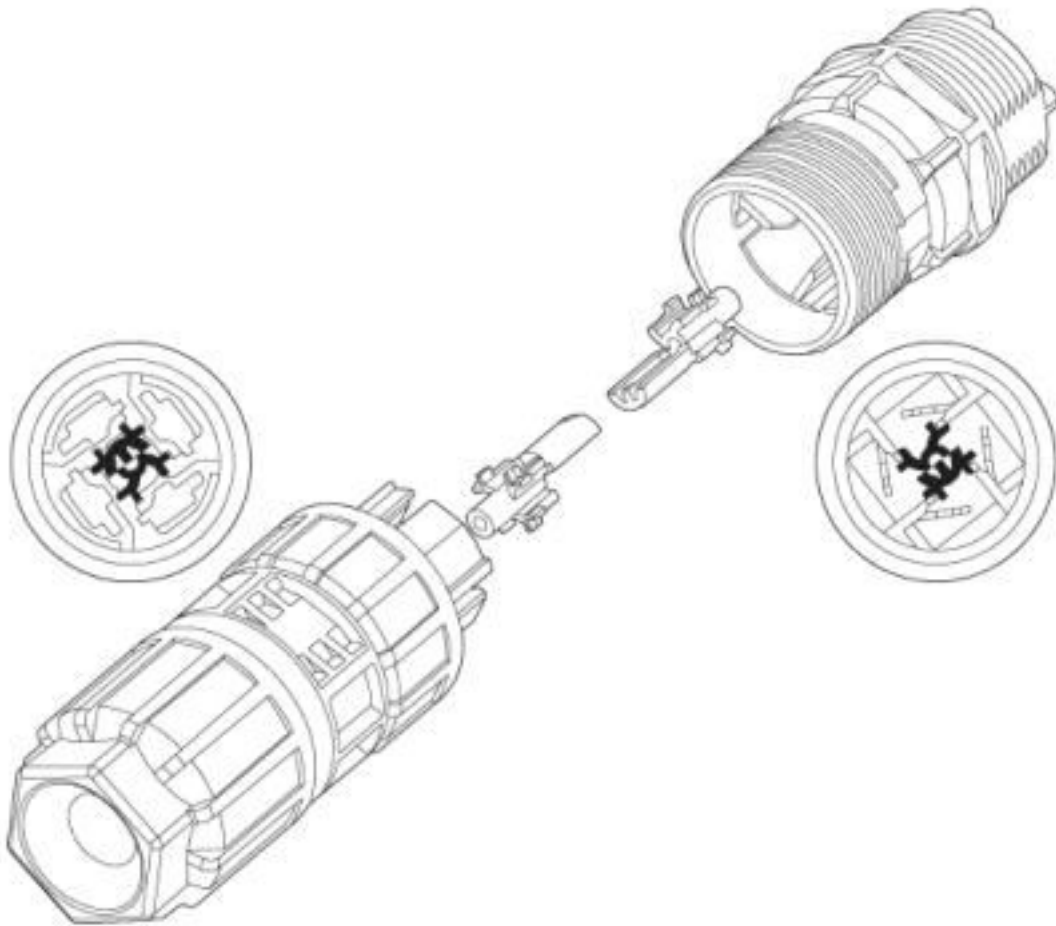


Dimensional drawing



H distributor - QPD H 4X2,5 GY - 1582260

Schematic diagram



Coding of the QUICKON plug-in connection

Classifications

eCl@ss

eCl@ss 10.0.1	27440603
eCl@ss 4.0	27140800
eCl@ss 4.1	27140800
eCl@ss 5.0	27143400
eCl@ss 5.1	27143400
eCl@ss 6.0	27143400
eCl@ss 7.0	27440603
eCl@ss 8.0	27440603
eCl@ss 9.0	27440603

ETIM

ETIM 3.0	EC000516
----------	----------

H distributor - QPD H 4X2,5 GY - 1582260

Classifications

ETIM

ETIM 4.0	EC000516
ETIM 5.0	EC002567
ETIM 6.0	EC002567
ETIM 7.0	EC002567

UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	31251501
UNSPSC 18.0	39121410
UNSPSC 19.0	39121410
UNSPSC 20.0	39121410
UNSPSC 21.0	39121410

Approvals

Approvals

Approvals

EAC / EAC / DNV GL / IECB Scheme / VDE Zeichengenehmigung

Ex Approvals

Approval details

EAC		RU C- DE.AI30.B.01102
-----	--	--------------------------

EAC		RU C- DE.BL08.B.00511
-----	--	--------------------------

DNV GL		https://approvalfinder.dnvgl.com/	TAE00003J5
--------	--	---	------------

H distributor - QPD H 4X2,5 GY - 1582260

Approvals

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

VDE Zeichengenehmigung		http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40029149
------------------------	--	---	----------

Nominal voltage UN	690 V
Nominal current IN	20 A
mm ² /AWG/kcmil	1.5-2.5

Accessories

Accessories

Coding element

Coding profile - CP-QPD - 1582459



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: PLOTMARK, ENGRAVING UNIT, CMS-P1-PLOTTER, P1 ENGRAVING UNIT, mounting type: adhesive, lettering field size: 13 x 9 mm, Number of individual labels: 120

Installation connector

Connector - QPD P 4X2,5 6-10 GY - 1582372



Connector, QUICKON connection, number of positions: 4, 1 mm² ... 2.5 mm², 690 V, 20 A, gray, cable diameter range: 6 mm ... 10 mm

H distributor - QPD H 4X2,5 GY - 1582260

Accessories

Connector - QPD P 4X2,5 9-14 GY - 1582379



Connector, QUICKON connection, number of positions: 4, 1 mm² ... 2.5 mm², 690 V, 20 A, gray, cable diameter range: 9 mm ... 14 mm

Mounting material

Assembly clip - QPD CLIP 2,5 BK - 1582235



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

Protective cap

Protective cap - QPD QSK 2,5 FS - 1582488

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



Socket spanner

Socket wrench - QSS 22 - 1670206



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

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Circular Metric Connectors](#) category:

Click to view products by [Phoenix Contact](#) manufacturer:

Other Similar products are found below :

[600X518037X](#) [6STD15PCR99B70A](#) [8R4000A16M020](#) [8R5000A16M005](#) [1200910002](#) [1203580030](#) [1200910008](#) [1200910011](#) [1300140094](#)
[130203-0054](#) [1300140026](#) [1300150099](#) [RF-12S1N8A90DU](#) [1-3637-600-5205](#) [1612618](#) [21036836414](#) [8R4006A16M010](#) [1604232](#)
[1R3006A20M005](#) [RF-12P1N8A90DU](#) [41-40011](#) [42-00006](#) [42-01015](#) [4-22279-4](#) [4-22281-1](#) [4-22284-9](#) [43-00113](#) [43-01088](#) [43-01203](#) [41-](#)
[40013](#) [42-00008](#) [43-00343](#) [43-01026](#) [43-01162](#) [43-01173](#) [43-10000](#) [XS3P-M421-2](#) [600X518050X](#) [SACC-DSI-FS-5P-PG9-L180 SC](#)
[8R5006A16M020](#) [8R5006A16M005](#) [8R4000A16M010](#) [6-22279-3](#) [1605332](#) [N03FA03144](#) [1300140077](#) [43-16213](#) [43-01338](#) [XS2RD4265](#)
[XS2R-D426-1](#)