

## Conductor connectors - QPD C 4X2,5/2X6-10 GY - 1582393

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QUICKON cable connector, gray, 4-pos. without PE, 1.0 mm<sup>2</sup> ... 2.5 mm<sup>2</sup> / 630 V / 20 A, for cable diameters of 6 mm ... 10 mm.



### Key commercial data

Packing unit	1 PCE
Weight per Piece (excluding packing)	80.0 GRM
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### General

Design	QPD 4x2,5
Color	gray
Locking type	Screw locking
Connection method	QUICKON connection IDC connection
Number of positions	4
Wrench size, union nut	22 mm
Tightening torque, union nut	5 Nm
Conductor cross section stranded min.	1.5 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section solid min.	1 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	16
Conductor cross section AWG/kcmil max	14

#### Conductor

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## Technical data

### 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
Wire diameter including insulation	2.5 mm ... 3.8 mm
External cable diameter	6 mm ... 10 mm

### Ambient conditions

Degree of protection	IP68 (2 m / 24 h)
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)	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

### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701

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## Classifications

### eCl@ss

eCl@ss 5.0	27143424
eCl@ss 5.1	27143424
eCl@ss 6.0	27143424
eCl@ss 7.0	27440209
eCl@ss 8.0	27440209

### ETIM

ETIM 3.0	EC000437
ETIM 4.0	EC000437
ETIM 5.0	EC000437

### UNSPSC

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

## Approvals

### Approvals

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#### Approvals

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

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#### Ex Approvals

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#### Approvals submitted

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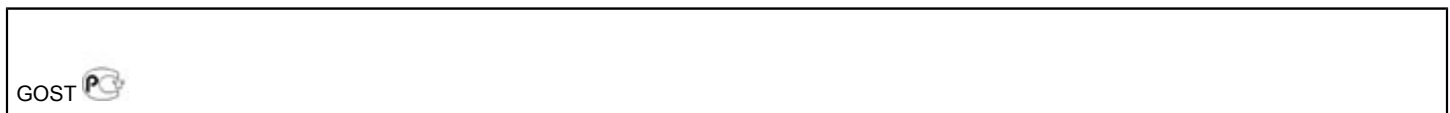
### Approval details

VDE Zeichengenehmigung	
mm <sup>2</sup> /AWG/kcmil	1.5-2.5

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### Approvals

Nominal current I <sub>N</sub>	20 A
Nominal voltage U <sub>N</sub>	690 V



### Accessories

#### Accessories

#### Device marking

Engraving material - GPE 13X 9 WH - 0806932



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

#### Sealing plugs

Closing cap - SEALING PLUG 10X16 RD - 1400284



Closing cap, for closing unused bore holes in multiple seals and cable glands, diameter 10 mm

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## Accessories

Socket spanner

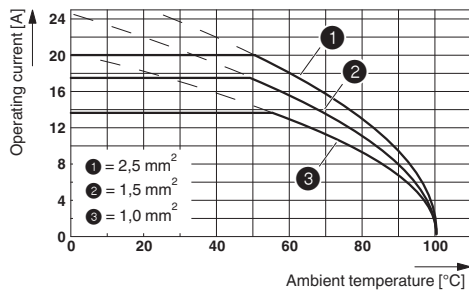
Socket wrench - QSS 22 - 1670206



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

## Drawings

Diagram



Dimensioned drawing

