

# Conductor connectors - Q 1,5/3IDC/13-13KU-KU - 1670248

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Conductor connectors to connect circular conductors.



## Key commercial data

Packing unit	1
Minimum order quantity	1
Catalog page	Page 19 (PC-2002)
GTIN	 4 017918 146504
Custom tariff number	85369010
Country of origin	POLAND

## Technical data

### General characteristics

Connection	If the conductor is reconnected, it must be cut off above the last contact point. QUICKON components may only be operated when under no load.
Color	green
Number of positions	3
Wrench size, union nut	24 mm
Tightening torque, union nut	2.5 Nm
Wrench size, contact carrier	24 mm
Number of connections	3
Conductor cross section stranded min.	0.75 mm <sup>2</sup>
Conductor cross section stranded max.	1.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	18
Conductor cross section AWG/kcmil max	16

### Conductor data

Structure of individual litz in acc. with VDE 0295 / smallest wire diameter	VDE 0295 Cl.2-5, min. wire diameter 0.2 mm
Wire insulation material	PVC/PE
Wire diameter including insulation	>= 3 mm

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## Technical data

### Environmental conditions

Degree of protection	IP65/67
Ambient temperature (operation)	-25 °C ... 80 °C
Ambient temperature (operation)	-25 °C ... 50 °C (when the conductor is connected. Specifications of the cable manufacturer must also be observed.)

### Electrical characteristics

Nominal current I <sub>N</sub>	17.5 A
Rated voltage (III/3)	250 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	630 V

### Mechanical characteristics

QUICKON connectability	10 (if the conductor is connected more than once, seal and cap may need to be replaced.)
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### Material data

Contact material	Copper alloy
Contact surface material	Pre-nickel plated and tin-plated
Contact carrier material	PA 66
Inflammability class according to UL 94	V0
Surge voltage category	III
Pollution degree	3

## Classifications

### ETIM

ETIM 2.0	EC000516
ETIM 3.0	EC000516
ETIM 4.0	EC000516
ETIM 5.0	EC000516

### UNSPSC

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

### 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

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## Approvals

### Approvals

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#### Approvals

UL Recognized / cUL Recognized / GOST / cULus Recognized

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#### Ex Approvals


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#### Approvals submitted


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## Approval details

UL Recognized 	
Nominal current I <sub>N</sub>	15 A
Nominal voltage U <sub>N</sub>	250 V

cUL Recognized 	
Nominal current I <sub>N</sub>	11 A
Nominal voltage U <sub>N</sub>	250 V

GOST 	
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cULus Recognized 	
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## Accessories

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### Assembly

## Conductor connectors - Q 1,5/3IDC/13-13KU-KU - 1670248

### Accessories

Lock nut - Q-SMU PG13,5 SET COD2 - 1670963



Locking nut, can only be released with Allen wrench, coding 2

Nut - Q-SMU PG13,5 SET - 1670756



Locking nut, can only be released with wrench, Pg13.5/ WAF 24, coding 1

### Protection and sealing elements

Cover caps - Q-PROT13/16 - 1670222



Closing caps, for Pg13/ Pg16, for closing unoccupied connections

### Drawings

Dimensioned drawing

