

## Q 4,0/5IDC/KU-T

Order No.: 1641963

The illustration shows a combination of versions Q 4,0/5IDC/KU-T and Q-MU-T

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1641963>

QUICKON T-distributor, for T-shaped power branches with round cables, 2.5 to 4 mm<sup>2</sup>, wiring of the unseparated master cable with black wing nut and the T-branch with QUICKON fast connection.

Commercial data	
GTIN (EAN)	4017918879105
sales group	D062
Pack	1 pcs.
Customs tariff	85369010
Weight/Piece	0.28161 KG
Catalog page information	Page 396 (PC-2009)

### Product notes

WEEE/RoHS-compliant since:  
01/01/2006

<http://www.download.phoenixcontact.com>  
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### 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. The QUICKON T-distributor is designed for permanent installation.
Color	Light gray RAL 7035

Locking type	Screw locking
Connection method	QUICKON connection
Type of connection	IDC connection
Number of positions	5
Wrench size, union nut	30 mm
Tightening torque, union nut	10 Nm
Tightening torque, counter nut	12 Nm
Number of connections	10
Conductor cross section stranded min.	2.5 mm <sup>2</sup>
Conductor cross section stranded max.	4 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	14
Conductor cross section AWG/kcmil max	12

#### Conductor data

Structure of individual litz in acc. with VDE 0295 / smallest wire diameter	Class 2 to 5 / 0.25 mm
Wire insulation material	PVC/PE
Wire diameter including insulation	2.4 mm ... 4.3 mm
External cable diameter	9 mm ... 16 mm (branch line) 9 mm ... 16 mm (Master cable (for diameters < 13.5 mm, additional insert seals are available))

#### Environmental conditions

Degree of protection	IP65
Ambient temperature (operation)	-40 °C ... 80 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Temperature when conductor connected	10 °C ... 50 °C (specifications of the cable manufacturer must also be observed)

#### Electrical characteristics

Nominal current $I_N$	32 A (At ambient temperature 40°C)
Rated current	32 A
Rated voltage (III/3)	630 V
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Rated surge voltage (III/3)	8 kV
Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	8 kV

**Mechanical characteristics**

QUICKON connectability	max. 10
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**Material data**

Contact material	Cu alloy
Contact surface material	Pre-nickel plated and tin-plated
Insulating material	PA
Inflammability class acc. to UL 94	V2
Surge voltage category	III
Pollution degree	3

**Certificates / Approvals**



Certification CUL, GOST, UL

**CUL**

Nominal voltage $U_N$	600 V
Nominal current $I_N$	25 A
AWG/kcmil	14-12

**UL**

Nominal voltage $U_N$	600 V
Nominal current $I_N$	25 A
AWG/kcmil	14-12

**Accessories**

Item	Designation	Description
1640993	Q-MU-T	Nut, plastic, to lock the distributor in the case of panel feed-throughs

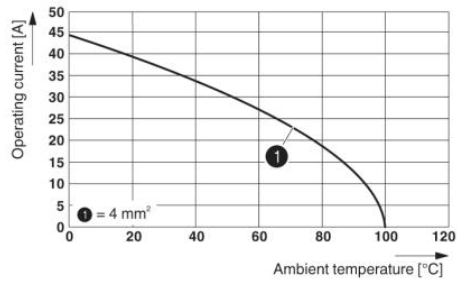
**General**

1209075	KAMES MULTI	
1580037	Q-T-EDG-G	Insert seal for QUICKON T-distributor, for IP65 sealing of thin power conductors (11.5 mm ... 14 mm)

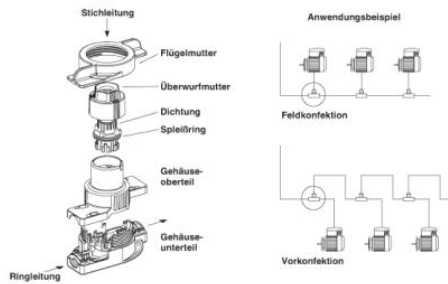
1580011	Q-T-EDG-K	Insert seal for QUICKON T-distributor, for IP65 sealing of thin power conductors (9 - 11 mm)
1580024	Q-T-EDG-M	Insert seal for QUICKON T-distributor, for IP65 sealing of thin power conductors (10 - 12.5 mm)

**Diagrams/Drawings**

Diagram

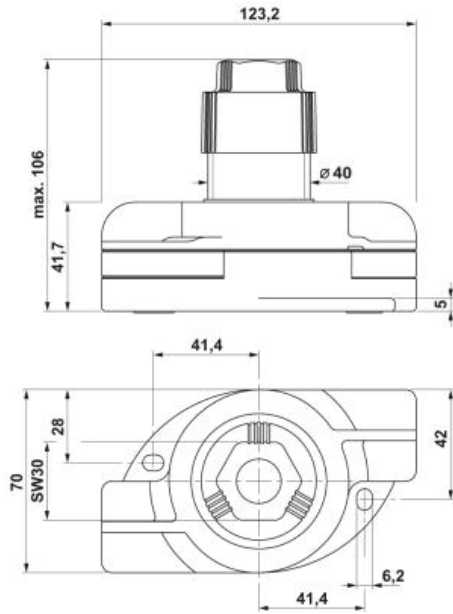


Explosion drawing



Dimensioned drawing

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