


Q 1,5/4IDC/24-24KU-KU

Order No.: 1641578

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Cable connector with QUICKON fast connection technology, 4-pos.,
connection cross section 0.75 ... 1.5 mm²

Commercial data

EAN	 4 017918 876616
sales group	D063
Pack	1 Pcs.
Customs tariff	85366990
Gross weight in pieces	0.038 KG
Net weight per piece	0.0374 KG
Catalog page information	Page 13 (PC-2002)

Product notes

WEEE/RoHS-compliant since:
08/01/2005



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Technical data

General

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

Connection method	QUICKON connection
	IDC connection
Number of positions	4
Wrench size, union nut	19 mm
Tightening torque, union nut	3 Nm
Wrench size, contact carrier	24 mm
Number of connections	4
Conductor cross section stranded min.	0.75 mm ²
Conductor cross section stranded max.	1.5 mm ²
Conductor cross section solid min.	0.75 mm ²
Conductor cross section solid max.	1 mm ²
Conductor cross section AWG/kcmil min.	18
Conductor cross section AWG/kcmil max	16

Conductor

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	1.8 mm ... 3 mm
External cable diameter	6 mm ... 12 mm

Ambient conditions

Degree of protection	IP65
	IP67
Ambient temperature (operation)	-25 °C ... 80 °C (specifications of the cable manufacturer must also be observed)
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Temperature when conductor connected	-5 °C ... 50 °C (specifications of the cable manufacturer must also be observed)

Electrical characteristics

Nominal current I _N	15 A
Rated current	15 A
Rated voltage (III/3)	500 V
Rated voltage (III/2)	800 V
Rated voltage (II/2)	1000 V
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	6 kV

Rated surge voltage (II/2)	6 kV
Mechanical characteristics	
QUICKON connectability	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

Certificates / Approvals



Certification cULus Recognized, GOST, VDE Zeichengenehmigung

Certifications applied for:

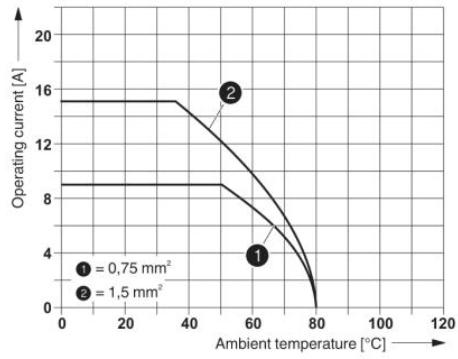
Certification Ex:

Accessories

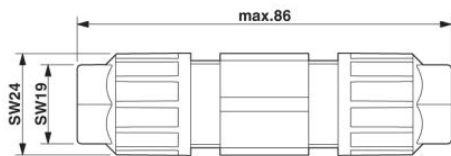
Item	Designation	Description
Protection and sealing elements		
1670222	Q-PROT13/16	Closing caps, for Pg13/ Pg16, for closing unoccupied connections
Tools		
1205862	MICROFOX SC	Diagonal cutter for Cu wire up to 1.5 mm diameter
1670895	QSS 19	Socket wrench, for tightening and unscrewing the QUICKON union nut, wrench size 19 mm

Drawings

Diagram



Dimensioned drawing



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