

Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation at <http://www.download.phoenixcontact.com>. The General Terms and Conditions of Use apply to Internet downloads.

► Extract from the online catalog

Line connectors, to connect round conductors



Order No.	1641578
Ord designation	Q 1,5/4IDC/24-24KU-KU
EAN	4017918876616
Pack	1 Pcs.
Customs tariff	85369010
Weight/Piece	0.0368 KG
Catalog page information	Page 13 (PC-2002)

► Product notes

WEEE/RoHS-compliant since: 03/23/2006



IMPORTANT : This date is valid for Customers in Germany only. Date Format is MM/DD/YYYY. Please contact your local in-country Phoenix Contact location or designated business partner for a Logistics Compliant date in your area. In order to guarantee delivery of RoHS-Compliant product, please purchase Phoenix Contact parts from authorized Phoenix Contact representatives and distributors.

► Technical data

General characteristics

Number of positions	4
Wrench size, union nut	19 mm
Tightening torque, union nut	3 Nm
Wrench size, contact carrier	24 mm
Conductor cross section stranded min.	0.75 mm ²
Conductor cross section stranded max.	1.5 mm ²

Conductor data

Structure of individual litz in acc. with VDE 0295 / smallest wire diameter	VDE 0295 Class 2 to 5
Wire insulation material	PVC/PE
Wire diameter including insulation	0 mm ... 3 mm

Environmental conditions

Degree of protection	IP65/67
Ambient temperature (operation)	-25 °C ... 50 °C (specifications of the cable manufacturer must also be observed)
Ambient temperature (storage/transport)	-25 °C ... 80 °C

Electrical characteristics

Nominal current I_N	17.5 A (ambient temperature: 40°C)
Rated voltage (III/3)	500 V

Material data

Material of contact	Cu alloy
Material of contact surface	Pre-nickel plated and tin-plated
Insulating material	PA
Inflammability class acc. to UL 94	V0

► Drawings

Dimensioned drawing



► Accessories

Item	Designation	Description
Assembly		
1670222	Q-PROT13/16	Sealing cap, 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	Allen wrench, for loosening and fastening the QUICKON union nut, WAF 19 mm

► Address

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Phone +49 5235 3 00
Fax +49 5235 3 41200
<http://www.phoenixcontact.de>
Phoenix Contact
Technical modifications reserved;