

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Phoenix Contact](#)
[1642153](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



Extract from the online catalog


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

Order No.: 1642153



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1642153>

QUICKON cable connector, black, 4-pos. without PE, 0.75 mm² ... 1.5 mm² /500 V/15 A, for a cable diameter of 6 mm ... 12 mm.

Commercial data	
GTIN (EAN)	 4 017918 920418
sales group	D063
Pack	1 pcs.
Customs tariff	85369010
Catalog page information	Page 49 (PC-2009)

Product notes

WEEE/RoHS-compliant since:
12/01/2005



<http://www.download.phoenixcontact.com>
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. The General Terms and Conditions of Use apply to Internet downloads.

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	black
Connection method	QUICKON connection

Q 1,5/4IDC/24-24KU-KU BK Order No.: 1642153
<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1642153>

Type of 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
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 data

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

Environmental conditions

Degree of protection	IP65/67
Ambient temperature (operation)	-40 °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

Q 1,5/4IDC/24-24KU-KU BK Order No.: 1642153
<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1642153>

Mechanical characteristics

QUICKON connectability	max. 10
Impact category	3

Material data

Contact material	CuZn
Contact surface material	Tin-plated
Contact carrier material	PA
Insulating material	PA
Inflammability class acc. to UL 94	V0
Surge voltage category	III
Pollution degree	3

Certificates / Approvals



Certification CUL, UL

Accessories

Item	Designation	Description
------	-------------	-------------

Protection and sealing elements

1400260	SEALING PLUG 12X22 RD	Closing cap, for closing unused bore holes in multiple seals and cable glands, diameter 12 mm
---------	-----------------------	---

Tools

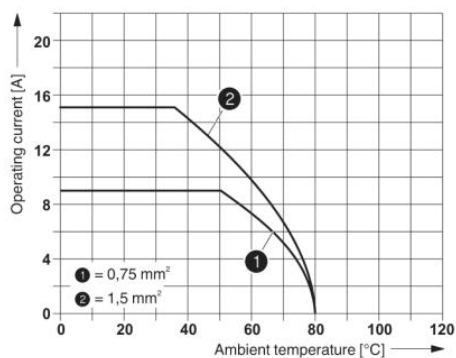
1205862	MICROFOX SC	Diagonal cutter for Cu wire up to 1.5 mm diameter
1670895	QSS 19	Socket wrench, for tightening and unscrewing the QUICKON union nut, wrench size 19 mm

Q 1,5/4IDC/24-24KU-KU BK Order No.: 1642153

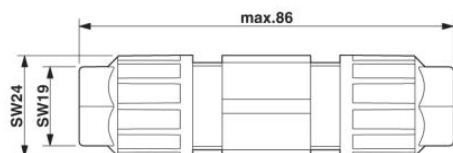
<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1642153>

Diagrams/Drawings

Diagram



Dimensioned drawing



Q 1,5/4IDC/24-24KU-KU BK Order No.: 1642153

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1642153>

Address

PHOENIX CONTACT Inc., USA
586 Fulling Mill Road
Middletown, PA 17057, USA
Phone (800) 888-7388
Fax (717) 944-1625
<http://www.phoenixcon.com>



© 2010 Phoenix Contact
Technical modifications reserved;