Conductor connectors - Q 0,75/4IDC/18-18KU-KU BK - 1642140

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Conductor connectors, QUICKON connection, number of positions: 4, 0.34 mm² ... 0.75 mm², 250 V, 9 A, black, cable diameter range: 4 mm ... 8 mm, QUICKON fast connection

Your advantages

- Innovative and time saving - QUICKON fast connection for time saving of up to 80 % for on-site connection
- Convenient: quick and easy assembly without special tools
- Robust throughout: housing with IP68/IP69K and IK07 protection for a wide range of applications
- Safer connection with mechanical coding to protect against mismatching, and touch-proof protection in accordance with DIN EN 0105
- Easy and safe - with the cable connector, you can repair or extend cables quickly, in combination with the connector as well as the coupling connection

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	4 017918 923891
GTIN	4017918923891
Weight per Piece (excluding packing)	17.800 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

General

Color	black
Locking type	without
Connection method	QUICKON connection
	IDC connection

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Technical data

General

Number of positions	4
Wrench size, union nut	15 mm
Tightening torque, union nut	1.2 Nm
Wrench size, contact carrier	15 mm
Number of connections	4
Conductor cross section flexible min.	0.34 mm²
Conductor cross section flexible max.	0.75 mm²
Conductor cross section solid min.	0.34 mm²
Conductor cross section solid max.	0.5 mm²
Conductor cross section AWG min.	22
Conductor cross section AWG max.	18

Cabel

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 / PP / rubber
Wire diameter including insulation	1.3 mm ... 2.6 mm
External cable diameter	4 mm ... 8 mm
Position marking	1, 2, 3, 4

Ambient conditions

Degree of protection	IP65
	IP67
Ambient temperature (operation)	-40 °C ... 80 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Temperature when conductor connected	-5 °C ... 50 °C

Electrical characteristics

Nominal current I_N	9 A
Nominal voltage U_N	400 VAC
	400 VDC
Rated current	9 A
rated voltage (III/3)	250 V
rated voltage (III/2)	400 V
rated voltage (II/2)	500 V
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV

Mechanical characteristics

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Technical data

Mechanical characteristics

QUICKON connectability	max. 10
Impact category	3
Category of shock impact	IK06

Material data

Contact material	Steel
Contact surface material	Tin-plated
Contact carrier material	PA
Insulating material	PA
Flammability rating according to UL 94	V0
Overvoltage category	III
Degree of pollution	3

Standards and Regulations

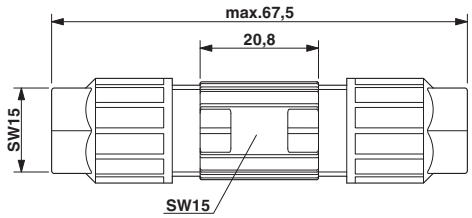
Category of shock impact	IK06
Connection in acc. with standard	CUL
Flammability rating according to UL 94	V0

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

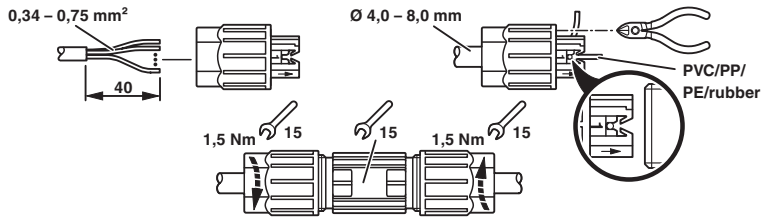
Drawings

Dimensional drawing



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Functional drawing



Classifications

eCl@ss

eCl@ss 10.0.1	27440605
eCl@ss 11.0	27440605
eCl@ss 4.0	27140800
eCl@ss 4.1	27140800
eCl@ss 5.0	27143400
eCl@ss 5.1	27143400
eCl@ss 6.0	27143400
eCl@ss 7.0	27440605
eCl@ss 8.0	27440605
eCl@ss 9.0	27440605

ETIM

ETIM 2.0	EC000516
ETIM 3.0	EC000516
ETIM 4.0	EC000516
ETIM 5.0	EC002560
ETIM 6.0	EC002560
ETIM 7.0	EC002560

UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121402
UNSPSC 18.0	39121402
UNSPSC 19.0	39121402
UNSPSC 20.0	39121402
UNSPSC 21.0	39121402

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Approvals

Approvals

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UL Recognized / cUL Recognized / VDE Zeichengenehmigung / EAC / EAC / EAC / EAC / cULus Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 118976

Nominal voltage UN	250 V
Nominal current IN	9 A

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 118976

Nominal voltage UN	250 V
Nominal current IN	6 A

VDE Zeichengenehmigung		http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40030930

Nominal voltage UN	400 V

EAC		RU C-DE.AI30.B.01102

EAC		EAC-Zulassung

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Approvals

EAC	EAC	RU C-DE.A*30.B.01102
EAC	EAC	RU C-DE.BL08.B.00511
cULus Recognized	c UL us	

Accessories

Accessories

Electronics pliers

Diagonal cutter - MICROFOX-SB - 1212489



Electronic diagonal cutter, round head, without chamfer, with opening spring, mirror-polished and oiled, 2-component grip, cutting capacity: soft 0.2-2.0mm; medium hard 1.2mm; hard 0.5mm diameter

Sealing plugs

Closing cap - SEALING PLUG 8X16 RD - 1400257



Closing cap, material: PA, color: red

Socket spanner

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Accessories

Socket wrench - QSS 15 - 1641992



Allen wrench, for loosening and fastening the QUICKON union nut, WAF 15 mm

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Stripping tool

Stripping tool - WIREFOX SAC - 1212623



Stripping pliers, for halogen-free sensor/actuator cables (SAC cables), with PUR and PVC insulation, from Ø of 4.4 to 7 mm, any stripping length

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Stripping tool - WIREFOX-D 16 - 1212173



Stripping tool, for stripping lines (specially for fiber optics lines) of Ø 4 - 16 mm

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Stripping tool - WIREFOX-D 40 - 1212161



Stripping tool, for stripping cables of 4.5 mm - 40 mm-Ø, insulation thickness of up to 4.5 mm, pivoting blade for round, lengthwise, and spiral cuts

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