

Conductor connectors - Q 0,34/4IDC/16-16KU-KU BK - 1641879

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Conductor connectors, QUICKON connection, number of positions: 4, 0.14 mm² ... 0.34 mm², 125 V, 5 A, black, cable diameter range: 3.5 mm ... 6 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
- ✔ Safer connection thanks to polarization against mismatching and touch-proof protection according to 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

Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 925185
GTIN	4017918925185
Weight per Piece (excluding packing)	14.800 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

General

Color	black
Locking type	without
Connection method	QUICKON connection
	IDC connection
Number of positions	4
Tightening torque, union nut	0.8 Nm
Number of connections	4
Conductor cross section flexible min.	0.14 mm ²
Conductor cross section flexible max.	0.34 mm ²

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Technical data

General

Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	0.25 mm ²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	22

Cabel

Structure of individual litz in acc. with VDE 0295 / smallest wire diameter	VDE 0295 class 1 to 6 / min. 0.10 mm
Wire insulation material	PVC / PE / PP / rubber
Wire diameter including insulation	0.7 mm ... 1.6 mm
External cable diameter	3.5 mm ... 6 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	5 A
Rated current	5 A
Rated voltage (III/3)	125 V
Rated voltage (III/2)	200 V
Rated voltage (II/2)	320 V
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV

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

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Technical data

Standards and Regulations

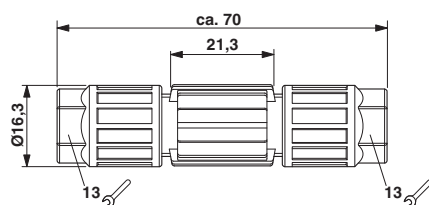
Flammability rating according to UL 94	V0
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Environmental Product Compliance

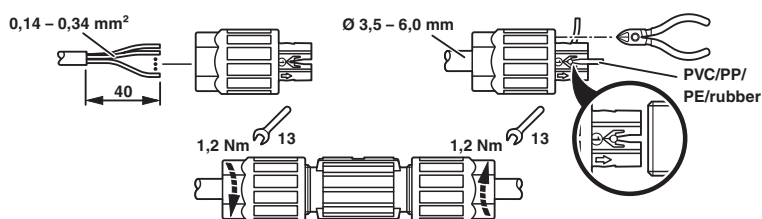
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Dimensional drawing



Functional drawing



Classifications

eCl@ss

eCl@ss 4.0	27140815
eCl@ss 4.1	27140815
eCl@ss 5.0	27143423
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

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Classifications

ETIM

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

Approvals

Approvals

Approvals

EAC / EAC / EAC

Ex Approvals

Approval details

EAC		RU C- DE.A*30.B.01102
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EAC		RU C- DE.AI30.B.01102
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EAC		EAC-Zulassung
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Accessories

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Electronics pliers

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Accessories

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 - 2.0 mm; medium hard 1.2 mm; hard 0.5 mm diameter

Screwdriver tools

Tool - SAC BIT QUICKON-W13 - 1212033



Nut for assembling pressure nuts with 13 mm wrench size, for 4 mm hexagonal drive

Adapter insert - TSD-M SAC-BIT ADAPTER - 1212600



Adapter bit for TSD-M...torque tools, E6.3-1/4" drive with 4 mm hexagon to accommodate SAC bits

Sealing plugs

Closing cap - SEALING PLUG 6X16 RD - 1400254



Closing cap, PA, color: red

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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Accessories

Stripping tool - WIREFOX SAC-1 - 1212757



Stripping pliers, for halogen-free sensor/actuator cables (SAC cables), with PUR and PVC insulation, from \varnothing of 3.2 to 4.4 mm, any stripping length

Stripping tool - WIREFOX-D 16 - 1212173



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

Stripping tool - WIREFOX-D 40 - 1212161



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

Torque tool

Torque screwdriver - TSD-M 1,2NM - 1212224



Torque screw driver, accuracy as per EN ISO 6789 standard, adjustable from 0.3 - 1.2 Nm