

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

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Conductor connectors, QUICKON connection, 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
- ✓ Safer connection with mechanical coding to protect against mismatching, and touch-proof protection in accordance with DIN EN 10105
- ✓ 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)	14.000 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

General

Color	black
Locking type	without
Connection technology	QUICKON connection
Connection method	IDC connection
Number of positions	4
Tightening torque, union nut	0.8 Nm

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Technical data

General

Number of connections	4
Conductor cross section flexible min.	0.14 mm ²
Conductor cross section flexible max.	0.34 mm ²
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
Stripping length of the sheath	40 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
Nominal voltage U _N	125 V AC
	125 V DC
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

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Technical data

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

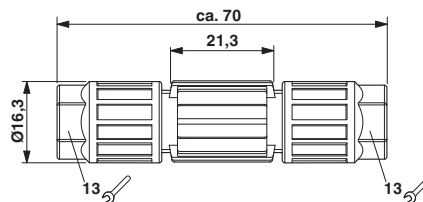
Category of shock impact	IK06
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Environmental Product Compliance

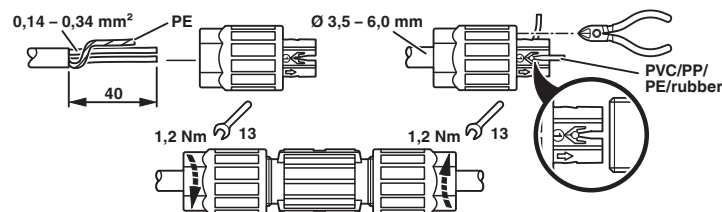
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Dimensional drawing



Functional drawing



Classifications

eCl@ss

eCl@ss 10.0.1	27440605
eCl@ss 11.0	27440605

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Classifications

eCl@ss

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 9.0	27440605

ETIM

ETIM 2.0	EC000516
ETIM 3.0	EC000516
ETIM 4.0	EC000516
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

Approvals

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EAC / EAC / EAC / EAC

Ex Approvals


Approval details

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Approvals

EAC		RU C- DE.AI30.B.01102
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EAC		EAC-Zulassung
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EAC		RU C- DE.A*30.B.01102
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EAC		RU C- DE.BL08.B.00511
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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 - 2.0 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

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Accessories

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, material: 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

Stripping tool - WIREFOX SAC-1 - 1212757



Stripping pliers, for halogen-free sensor/actuator cables (SAC cables), with PUR and PVC insulation, from Ø 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 Ø 4 - 16 mm

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Accessories

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

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