

Connector - Q 1,5/4IDC/24-24KU-KU BS BK - 1405541

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QUICKON cable connector, black, 4-pos., without PE, 0.75 mm² ... 1.5 mm²/500 V/15 A, for cable diameters of 5 mm ... 9 mm.

Your advantages

- ✓ Robust throughout: housing with IP65/IP67 protection for a wide range of applications

RoHS

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	250 pc
GTIN	 4 046356 748520
GTIN	4046356748520

Technical data

General

Color	black
Connection method	QUICKON 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 flexible min.	0.75 mm ²
Conductor cross section flexible 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 min.	18
Conductor cross section AWG max.	16

Cabel

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Technical data

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
Wire diameter including insulation	1.8 mm ... 3 mm
External cable diameter	5 mm ... 9 mm

Ambient conditions

Degree of protection	IP65
	IP67
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

Mechanical characteristics

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

Material data

Contact material	CuZn
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

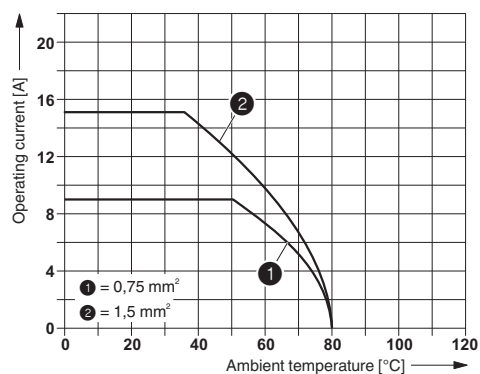
Standards and Regulations

Flammability rating according to UL 94	V0
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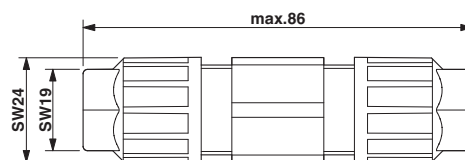
Drawings

Connector - Q 1,5/4IDC/24-24KU-KU BS BK - 1405541

Diagram



Dimensional drawing



Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC



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