

PLUSCON Industry Plug Connectors

QUICKON-ONE Panel Feed-Through

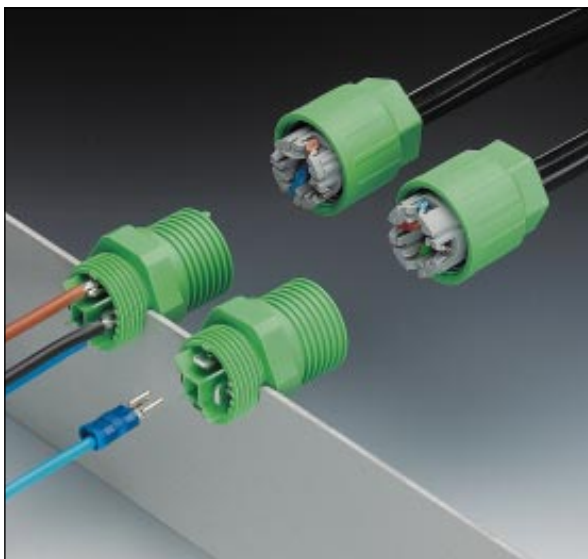
QUICKON-ONE Panel Feed-Through

The fast connection system, QUICKON-ONE opens up new possibilities of rationalizing for the user. With the aid of QUICKON-ONE, the conductor is connected in a matter of seconds. And the conductor is connected to the device without opening the housing, because QUICKON is a combination of screw gland and connection terminal block.

QUICKON-ONE is tested on the basis of:

- EN 60 352-4 -solder-free and inaccessible insulation displacement terminal blocks-,
- EN 50 262 -leading in cables and conductors-,
- DIN EN 60 998-2-3.

The 4-position panel feed-throughs are available with combined tab/solder connection and with connected cores for the internal wiring of equipment.



QUICKON-ONE Panel Feed-Through



Technical data

Panel feed-through,

for external wall mounting, with manual solder/tab connection
4.8 x 0.8 mm, 4-position, metric thread

Panel feed-through,

with core output 1.5 mm² and 0.5 m stranded wire
4-position, metric thread

Nut, (plastic)

to lock the contact carrier from the inside of the device
M 20 / WAF 26



Allen wrench,

to loosen or tighten the QUICKON union nut
wrench size 19



Diagonal cutter,

for Cu wire up to 1.5 mm ø



Closing cap,

for closing unoccupied connections



Insulating sleeve, as shock protection

for 4.8 mm tab receptacles; first slide over the conductor



General characteristics

Number of positions		4
Wrench size of the union nut	[mm]	19
Torque of the union nut	[Nm]	3
Wrench size of the contact carrier	[mm]	24
Tightening torque of the contact carrier	[Nm]	4.5
Tightening torque of the counter nut	[Nm]	4.5

Conductor data for the QUICKON connection

Cross section range of the cores	[mm ²] / AWG	0.75 - 1.5 / 18 - 16
Structure of individual litz wire/smallest wire diameter	[mm]	VDE 0295 class 2 to 5 / 0.2
Core insulation material		PVC / PE / Rubber ³⁾
External cable diameter	[mm]	6 - 12
Core diameter (including insulation)	[mm]	≤ 3

Environmental conditions

Protection type (IEC 60 529/EN 60 529/DIN VDE 0470-1)		IP 65 / IP 67
Ambient temperature/temperat. when conductor is connected	[°C]	- 25 to + 80 / - 5 to + 50 ¹⁾

Electrical characteristics

Nominal current (Ambient temperature: 40 °C)	[A]	17.5
Rated voltage	[V AC]	500 ²⁾
Surge voltage category/contamination class		III/3

Mechanical characteristics

Frequency of the connect. of conductors of the same cross section		10
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Impact category

		4
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Material data

Contact material / Contact surface		Cu alloy / pre-nickel plated and tin-plated
Insulation material / Inflammability class in acc. with UL 94		PA / V0
Approval		VDE-, UL-, CSA approval applied for

¹⁾ Specifications of the cable manufacturer must also be observed.

²⁾ With insulating sleeve PT/FS 4.8. Without insulating sleeve 250 V AC.

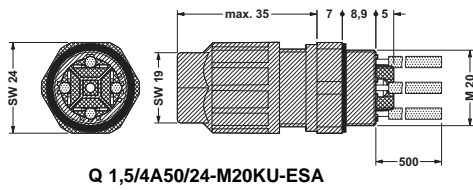
³⁾ Requirements for rubber are available on request.

Note: – For permanent installation.
– QUICKON components may only be operated when under no load.

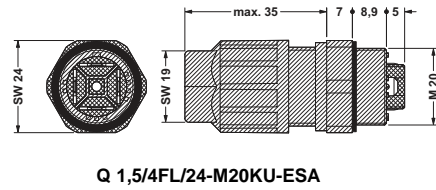
Type	Order No.	Pcs. Pkt.
Q 1,5/4FL/24-M20KU-ESA	16 41 47 1	10
Q 1,5/4A50/24-M20KU-ESA	16 41 64 6	10
Q-MU M 20	16 40 70 2	25
QSS 19	16 70 89 5	1
MICROFOX SC	12 05 86 2	1
QPROT 13/16	16 70 22 2	10
PT/FS 4,8	16 70 49 7	25

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Technical data



Q 1,5/4A50/24-M20KU-ESA



Q 1,5/4FL/24-M20KU-ESA

Pos.	Core color
1	BN
2	WH
3	BU
4	BK