

PLUSCON Industry Plug Connectors QUICKON-ONE Panel Feed-Through

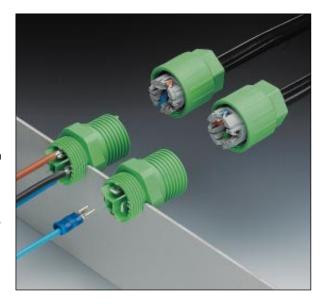
QUICKON-ONE Panel Feed-Through

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	Туре	Order No.	Pcs.
Paral food through			Pkt.
Panel feed-through, for external wall mounting, with manual solder/tab connection 4.8 x 0.8 mm, 4-position, metric thread	Q 1,5/4FL/24-M20KU-ESA	16 41 47 1	10
Panel feed-through, with core output 1.5 mm² and 0.5 m stranded wire 4-position, metric thread	Q 1,5/4A50/24-M20KU-ESA	16 41 64 6	10
Nut, (plastic) to lock the contact carrier from the inside of the device M 20 / WAF 26	Q-MU M 20	16 40 70 2	25
Allen wrench, to loosen or tighten the QUICKON union nut wrench size 19	QSS 19	16 70 89 5	1
Diagonal cutter, for Cu wire up to 1.5 mm ø	MICROFOX SC	12 05 86 2	1
Closing cap, for closing unoccupied connections	QPROT 13/16	16 70 22 2	10
Insulating sleeve, as shock protection for 4.8 mm tab receptacles; first slide over the conductor	PT/FS 4,8	16 70 49 7	25
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	0.75 4.5 / 40 40		
Cross section range of the cores [mm²] / AWG Structure of individual litz wire/smallest wire diameter [mm]	0.75 - 1.5 / 18 - 16 VDE 0295 class 2 to 5 / 0.2		
Structure of individual litz wire/smallest wire diameter [mm] 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		
Impact category	4		
Material data			
Contact material / Contact surface Insulation material / Inflammability class in acc. with UL 94	Cu alloy / pre-nickel plated and tin-plated PA / V0		
Approval	VDE-, UL-, CSA approval applied for		

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

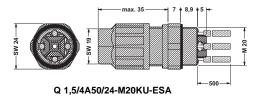
- For permanent installation. Note:

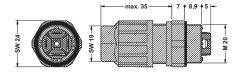
 ²⁾ With insulating sleeve PT/FS 4,8. Without insulating sleeve 250 V AC.
 3) Requirements for rubber are available on request.

⁻ QUICKON components may only be operated when under

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Technical data





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

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