



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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PLUSCON Industry Plug Connectors

QUICKON-ONE Panel Feed-Through

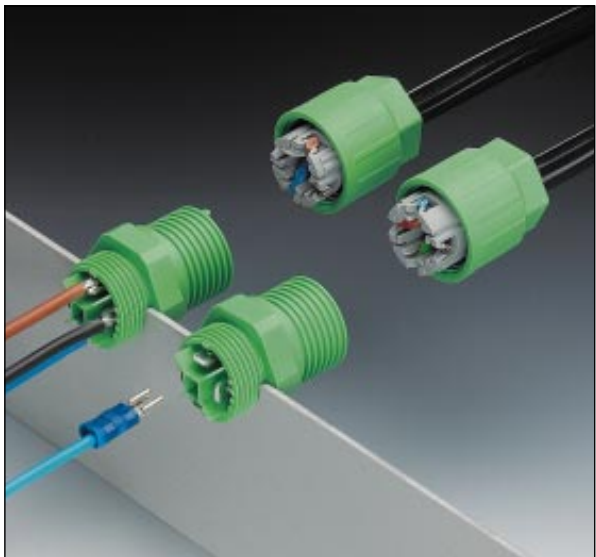
QUICKON-ONE Panel Feed-Through

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
Impact category		4

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.

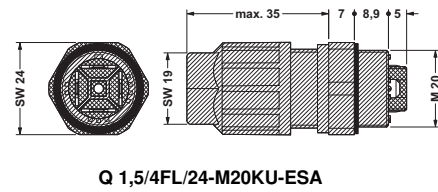
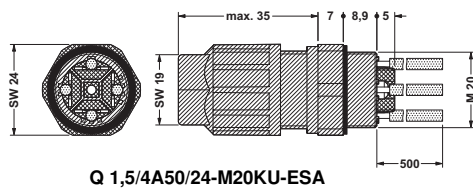
Note:

- 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

QUICKON-ONE Panel Feed-Through

Technical data



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