


Q 1,5/2FL/11-M20KU-ESA

Order No.: 1640647

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Panel feed-through, for external wall mounting, with manual solder/
slip-on connection, 4.8 x 0.8 mm

Commercial data	
GTIN (EAN)	 4 017918 188764
sales group	D063
Pack	10 pcs.
Customs tariff	85369010
Catalog page information	Page 18 (PC-2002)

Product notesWEEE/RoHS-compliant since:
03/02/2006

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Technical data

General characteristics

Connection	If the conductor is reconnected, it must be cut off above the last contact point. QUICKON components may only be operated when under no load.
Color	green
Connection method	Manual solder/slip on connection
Number of positions	2
Wrench size, union nut	22 mm
Tightening torque, union nut	2.5 Nm
Wrench size, contact carrier	22 mm
Tightening torque contact carrier	3.75 Nm
Tightening torque, counter nut	3.75 Nm
Number of connections	2
Conductor cross section stranded min.	0.75 mm ²
Conductor cross section stranded max.	1.5 mm ²

Conductor data

Structure of individual litz in acc. with VDE 0295 / smallest wire diameter	VDE 0295 Cl.2-5, min. wire diameter 0.2 mm
Wire insulation material	PVC/PE
Wire diameter including insulation	>= 3 mm

Environmental conditions

Degree of protection	IP65/67
Ambient temperature (operation)	-25 °C ... 80 °C (Specifications of the cable manufacturer must be observed.)
	-25 °C ... 50 °C (when the conductor is connected. Specifications of the cable manufacturer must also be observed.)

Electrical characteristics

Nominal current I _N	17.5 A (15 A with slip-on sleeve 2.5 mm ² ; 12 A with slip-on sleeve 1.5 mm ² .)
Rated voltage (III/3)	250 V
Note on the rated voltage (III/3)	with insulating sleeve
Rated voltage (III/2)	320 V
Note on the rated voltage (III/2)	with insulating sleeve
Rated voltage (II/2)	630 V
Note on the rated voltage (II/2)	with insulating sleeve

Mechanical characteristics

QUICKON connectability	10 (if the conductor is connected more than once, seal and cap may need to be replaced.)
PC QUICKON thread type	M20 x 1,5 VDE certification available
Impact category	3

Material data

Contact material	Copper alloy
Contact surface material	Pre-nickel plated and tin-plated
Contact carrier material	PA 66
Inflammability class acc. to UL 94	V0
Surge voltage category	III
Pollution degree	3

Certificates / Approvals



Certification CUL, GOST, UL

Accessories

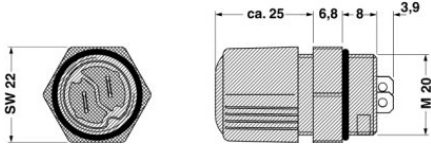
Item	Designation	Description
Assembly		
1670497	PT/FS 4,8	Insulating sleeve, as touch protection, for 4.8 mm slip-on sleeves, slide onto the conductor before
1640702	Q-MU M20	Nut (plastic) to lock the contact carrier from the inside of the device
1640715	Q-MU M25	Nut (plastic) to lock the contact carrier from the inside of the device
1670471	Q-MU PG11	Nut (plastic) to lock the contact carrier Pg11 / 24 WAF
1670484	Q-MU PG13,5	Nut (plastic) to lock the contact carrier Pg13.5 / 27 WAF
1670659	Q-MU PG16	Nut (plastic) to lock the contact carrier Pg16 / 30 WAF

Protection and sealing elements

1670235	Q-PROT 9/11	Closing cap for PG9/PG11 to close unoccupied connections
1670222	Q-PROT13/16	Closing caps, for Pg13/ Pg16, for closing unoccupied connections

Diagrams/Drawings

Dimensioned drawing



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