

Panel feed-through - Q 1,5/2FL/11-M20KU-ESA - 1640647

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

Key commercial data

package_quantity	10
GTIN	4017918188764

Technical data

General

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 cross section AWG/kcmil min.	18
Conductor cross section AWG/kcmil max	16

Conductor

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

Ambient conditions

Degree of protection	IP65
Degree of protection	IP67

Panel feed-through - Q 1,5/2FL/11-M20KU-ESA - 1640647

Technical data

Ambient conditions

Ambient temperature (operation)	-25 °C ... 80 °C (Specifications of the cable manufacturer must be observed.)
Ambient temperature (operation)	-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 according to UL 94	V0
Surge voltage category	III
Pollution degree	3

classifications

eCl@ss

eCl@ss 4.0	27140815
eCl@ss 4.1	27140815
eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27143423
eCl@ss 7.0	27449001
eCl@ss 8.0	27449001

ETIM

ETIM 2.0	EC001297
ETIM 3.0	EC000516
ETIM 4.0	EC000516
ETIM 5.0	EC000516

Panel feed-through - Q 1,5/2FL/11-M20KU-ESA - 1640647

classifications

UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121522

approvals

UL Recognized / cUL Recognized / GOST / cULus Recognized /

Approval details

UL Recognized 	
Nominal voltage UN	250 V
Nominal current IN	15 A
mm²/AWG/kcmil	

cUL Recognized 	
Nominal voltage UN	250 V
Nominal current IN	11 A
mm²/AWG/kcmil	

GOST 

cULus Recognized 

accessories

Mounting material

Panel feed-through - Q 1,5/2FL/11-M20KU-ESA - 1640647

accessories

Q-MU M25 - 1640715



Q-MU M20 - 1640702



Q-MU PG13,5 - 1670484



Q-MU PG11 - 1670471



Insulating sleeve

PT/FS 4,8 - 1670497



Protective cap

Panel feed-through - Q 1,5/2FL/11-M20KU-ESA - 1640647

accessories

Q-PROT13/16 - 1670222



Q-PROT 9/11 - 1670235



accessories

Q-MU PG16 - 1670659



Drawings

Dimensioned drawing

