

Panel feed-through - Q 1 5/3FL/13-13KU-ESA - 1670264

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QUICKON panel feed-through, for external wall mounting with manual solder/slip-on connection, 4.8 x 0.8 mm, 3-pos.

Your advantages

- Robust throughout: housing with IP65/IP67 protection for a wide range of applications

Key Commercial Data

Packing unit	10 pc
Minimum order quantity	10 pc
GTIN	 4 017918 146474
GTIN	4017918146474
Weight per Piece (excluding packing)	21.910 g
Custom tariff number	85369010
Country of origin	Poland

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
Locking type	Screw locking
Connection method	QUICKON connection Manual solder/slip on connection
Number of positions	3
Wrench size, union nut	24 mm
Tightening torque, union nut	2.5 Nm
Wrench size, contact carrier	24 mm
Tightening torque contact carrier	3.75 Nm

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Technical data

General

Tightening torque, counter nut	3.75 Nm
Number of connections	3
Conductor cross section flexible min.	0.75 mm ²
Conductor cross section flexible max.	1.5 mm ²
Conductor cross section solid min.	0.75 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section AWG min.	18
Conductor cross section AWG max.	16

Cabel

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
Position marking	1, 2, 3

Ambient conditions

Degree of protection	IP65
	IP67
Ambient temperature (operation)	-25 °C ... 80 °C
	-25 °C ... 50 °C (when the conductor is connected. Specifications of the cable manufacturer must also be observed.)
Temperature when conductor connected	-5 °C ... 50 °C

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
Rated surge voltage (III/3)	6 kV

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	Pg13.5 VDE approval available
Impact category	4

Material data

Contact material	Copper alloy
Contact surface material	Pre-nickel plated and tin-plated
Contact carrier material	PA 6.6

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Technical data

Material data

Flammability rating according to UL 94	V0
Overvoltage category	III
Degree of pollution	3

Standards and Regulations

Connection in acc. with standard	CUL
Flammability rating according to UL 94	V0

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Classifications

eCl@ss

eCl@ss 4.0	27140815
eCl@ss 4.1	27140815
eCl@ss 5.0	27143423
eCl@ss 5.1	27143400
eCl@ss 6.0	27143400
eCl@ss 7.0	27440602
eCl@ss 8.0	27440602
eCl@ss 9.0	27440602

ETIM

ETIM 2.0	EC001297
ETIM 3.0	EC000516
ETIM 4.0	EC000516
ETIM 5.0	EC002566
ETIM 6.0	EC002061

UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121413

Approvals

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Approvals

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BV / UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized

Ex Approvals

Approval details

BV		http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials	07773/B1 BV
Nominal voltage UN		250 V	
Nominal current IN		17.5 A	
mm²/AWG/kcmil		1.5	

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 118976
Nominal voltage UN		250 V	
Nominal current IN		15 A	

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 118976
Nominal voltage UN		250 V	
Nominal current IN		11 A	

EAC		EAC-Zulassung
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EAC		RU C- DE.A*30.B.01102
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cULus Recognized	
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Accessories

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Electronics pliers

Diagonal cutter - MICROFOX-SB - 1212489



Electronic diagonal cutter, round head, without chamfer, with opening spring, mirror-polished and oiled, 2-component grip, cutting capacity: soft 0.2 - 2.0 mm; medium hard 1.2 mm; hard 0.5 mm diameter

Insulating sleeve

Insulating sleeve - PT/FS 4,8 - 1670497



Insulating sleeve, as touch protection, for 4.8 mm slip-on sleeves, slide onto the conductor before

Mounting material

Nut - Q-MU PG13,5 - 1670484



Nut (plastic) to lock the contact carrier Pg13.5 / 27 WAF

Pressure nut

Lock nut - Q-SMU PG13,5 SET COD2 - 1670963



Locking nut, can only be released with Allen wrench, coding 2

Protective cap

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Accessories

Filler plugs - Q-PROT13/16 - 1670222



Closing caps, for Pg13/ Pg16, for closing unoccupied connections

Socket spanner

Socket wrench - QSS 24 - 1670219



Allen wrench, for loosening and fastening the QUICKON union nut, WAF 24 mm
