

Panel feed-through - Q 1,5/3FL/13-M20KU-ESA - 1640663

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



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



Key commercial data

Packing unit	1 pc
Minimum order quantity	10 pc
Weight per Piece (excluding packing)	22.57 GRM
Custom tariff number	85366990
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.
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
Tightening torque, counter nut	3.75 Nm
Number of connections	3
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

Panel feed-through - Q 1,5/3FL/13-M20KU-ESA - 1640663

Technical data

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
	IP67
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
Impact category	4

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

Panel feed-through - Q 1,5/3FL/13-M20KU-ESA - 1640663

Classifications

eCl@ss

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

UNSPSC

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

Approvals

Approvals

Approvals

UL Recognized / VDE Zeichengenehmigung / cUL Recognized / GOST / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

Panel feed-through - Q 1,5/3FL/13-M20KU-ESA - 1640663

Approvals

UL Recognized	
Nominal current IN	15 A
Nominal voltage UN	250 V

VDE Zeichengenehmigung	
mm ² /AWG/kcmil	0.75-1.5
Nominal voltage UN	500 V

cUL Recognized	
Nominal current IN	11 A
Nominal voltage UN	250 V

GOST	
------	--

GOST	
------	--

cULus Recognized	
------------------	--

Accessories

Accessories

Insulating sleeve

Panel feed-through - Q 1,5/3FL/13-M20KU-ESA - 1640663

Accessories

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 M20 - 1640702



Nut (plastic) to lock the contact carrier from the inside of the device

Pressure nut

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



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

Protective cap

Filler plugs - Q-PROT13/16 - 1670222



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

Socket spanner

Panel feed-through - Q 1,5/3FL/13-M20KU-ESA - 1640663

Accessories

Socket wrench - QSS 24 - 1670219



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

Drawings

Dimensioned drawing

