

## Panel feed-through - Q 1,5/4FL/16-M25KU-ESA - 1640676

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://phoenixcontact.com/download>)




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

### Your advantages

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



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	10 pc
GTIN	 4 017918 188757
GTIN	4017918188757
Weight per Piece (excluding packing)	28.880 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	4
Wrench size, union nut	27 mm

# Panel feed-through - Q 1,5/4FL/16-M25KU-ESA - 1640676

## Technical data

### General

Tightening torque, union nut	3.3 Nm
Wrench size, contact carrier	30 mm
Tightening torque contact carrier	5 Nm
Tightening torque, counter nut	5 Nm
Number of connections	4
Conductor cross section flexible min.	0.75 mm <sup>2</sup>
Conductor cross section flexible max.	1.5 mm <sup>2</sup>
Conductor cross section solid min.	0.75 mm <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
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
External cable diameter	6 mm ... 12 mm
Position marking	1, 2, 3, 4

### Ambient conditions

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

### Electrical characteristics

Nominal current I <sub>N</sub>	17.5 A
Nominal voltage U <sub>N</sub>	250 V AC
	250 V DC
Rated current	17.5 A
rated voltage (III/3)	250 V (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	M25 x 1,5 VDE approval available

# Panel feed-through - Q 1,5/4FL/16-M25KU-ESA - 1640676

## Technical data

### Material data

Contact material	Copper alloy
Contact surface material	Pre-nickel plated and tin-plated
Contact carrier material	PA 6.6
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 = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Classifications

### eCl@ss

eCl@ss 10.0.1	27440602
eCl@ss 11.0	27440602
eCl@ss 4.0	27140800
eCl@ss 4.1	27140800
eCl@ss 5.0	27143400
eCl@ss 5.1	27143400
eCl@ss 6.0	27143400
eCl@ss 7.0	27440602
eCl@ss 9.0	27440602

### ETIM

ETIM 2.0	EC001297
ETIM 3.0	EC000516
ETIM 4.0	EC000516
ETIM 6.0	EC002566
ETIM 7.0	EC002566

### UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522

# Panel feed-through - Q 1,5/4FL/16-M25KU-ESA - 1640676

## Classifications

### UNSPSC

UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121413
UNSPSC 18.0	39121522
UNSPSC 19.0	39121522
UNSPSC 20.0	39121522
UNSPSC 21.0	39121522

## Approvals


### Approvals


#### Approvals


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

#### Ex Approvals

### Approval details

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

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

EAC		EAC-Zulassung
-----	---	---------------

## Panel feed-through - Q 1,5/4FL/16-M25KU-ESA - 1640676

### Approvals

EAC		RU C- DE.A*30.B.01102
-----	---	--------------------------

EAC		RU C- DE.BL08.B.00511
-----	---	--------------------------

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