

Panel feed-through - Q 1,5/4A50/16-M25KU-ESA - 1640744

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Panel feed-through with wire exit 1.5 mm² and 0.5 m Litz wire: connecting thread: M25, 4-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	
GTIN	4017918177423

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.
Length of cable	0.5 m
Color	green
Locking type	Screw locking
Connection method	QUICKON connection
	Individual wires
Number of positions	4
Wrench size, union nut	27 mm
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

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Technical data

General

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	1.8 mm ... 3 mm
External cable diameter	6 mm ... 12 mm
Conductor cross section	1.5 mm ² (Pos. 1: Brown; pos. 2: White; pos. 3: Blue; pos. 4: Black)
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 _N	17.5 A
Nominal voltage U _N	250 V AC
	250 V DC
Rated current	17.5 A
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	M25 x 1,5
Impact category	4

Material data

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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 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 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	EC002566
ETIM 7.0	EC002566

UNSPSC

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

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Classifications

UNSPSC

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 / cULus Recognized


Ex Approvals

Approval details

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		RU C- DE.AI30.B.01102
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EAC		RU C- DE.BL08.B.00511
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Approvals

cULus Recognized



Accessories

Accessories

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 M25 - 1640715



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

Sealing plugs

Filler plugs - Q-PROT13/16 - 1670222



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

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Accessories

Socket spanner

Socket wrench - QSS 27 - 1670646



Allen wrench, for loosening and fastening the QUICKON union nut, WAF 27 mm

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[130203-0054](#) [1300140026](#) [1300150099](#) [RF-12S1N8A90DU](#) [1612618](#) [21036836414](#) [8R4006A16M010](#) [1604232](#) [1R3006A20M005](#) [RF-](#)
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