

# Panel feed-through - Q 1,5/4A15/24-M20KU-ESA BK PE - 1403470

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Panel feed-through with 1.5 mm<sup>2</sup> wire output and 0.15 m litz wire, connecting thread: M20, 4-pos.

## 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	50 pc
GTIN	
GTIN	4046356654807

## 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	0.1 m
Color	black
Connection method	QUICKON connection
	Single litz wires 10 cm long; 1.5 mm <sup>2</sup>
Note on the internal connection method	Pos. 1: black; pos. 2: brown; pos. 3: gray; pos. 4: green/yellow
Number of positions	4
Wrench size, union nut	19 mm
Tightening torque, union nut	3 Nm
Wrench size, contact carrier	24 mm
Tightening torque contact carrier	4.5 Nm
Tightening torque, counter nut	4.5 Nm
Number of connections	4

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## Technical data

### General

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 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 class 1 to 6/min. 0.15 mm
Wire insulation material	PVC / PE
Wire diameter including insulation	>= 1.8 mm ... 3 mm
External cable diameter	6 mm ... 12 mm

### Ambient conditions

Degree of protection	IP65
	IP67
Ambient temperature (operation)	-40 °C ... 80 °C (specifications of the cable manufacturer must also be observed)
	-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 (specifications of the cable manufacturer must also be observed)

### Electrical characteristics

Nominal current I <sub>N</sub>	17.5 A
Rated current	15 A
Rated voltage (III/3)	500 V
Note on the rated voltage (III/3)	with insulating sleeve PT/FS 4,8. Without insulating sleeve 250 V AC.
Rated voltage (III/2)	800 V
Note on the rated voltage (III/2)	with insulating sleeve
Rated voltage (II/2)	1000 V
Note on the rated voltage (II/2)	with insulating sleeve
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV

### Mechanical characteristics

QUICKON connectability	max. 10 (if the conductor is connected more than once, seal and cap may need to be replaced.)
PC QUICKON thread type	M20
Impact category	3
Category of shock impact	IK07

### Material data

Contact material	CuZn
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## Technical data

### Material data

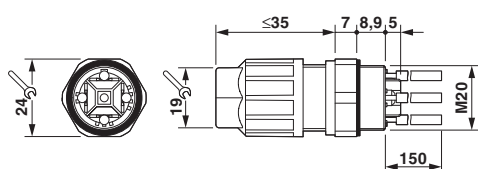
Contact surface material	Tin-plated
Contact carrier material	PA
Insulating material	PA
Flammability rating according to UL 94	V0
Overvoltage category	III
Degree of pollution	3

### Standards and Regulations

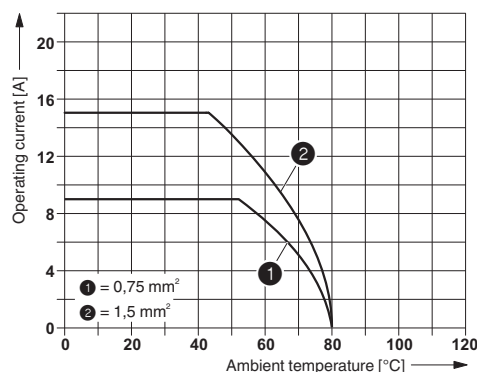
Flammability rating according to UL 94	V0
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## Drawings

Dimensional drawing



Diagram



## Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

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