

Panel feed-through - Q 1,5/4FL/24-M20KU-ESA PE BK - 1405182

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Panel feed-through, for external panel mounting with manual solder/slip-on plug-in connection, 4.8 x 0.8 mm, connection thread: M20 x 1.5, 3-pos. + PE connection

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	500 pc
GTIN	 4 046356 736275
GTIN	4046356736275

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	black
Connection method	QUICKON connection
	Manual solder/slip-on connection; 4.8 x 0.8 mm
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
Conductor cross section flexible min.	0.75 mm ²
Conductor cross section flexible max.	1.5 mm ²

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Technical data

General

Conductor cross section solid min.	0.75 mm ²
Conductor cross section solid max.	1 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 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 _N	15 A (15 A with slip-on sleeve 2.5 mm ² ; 12 A with slip-on sleeve 1.5 mm ² .)
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
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
Contact surface material	Tin-plated
Contact carrier material	PA

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Technical data

Material data

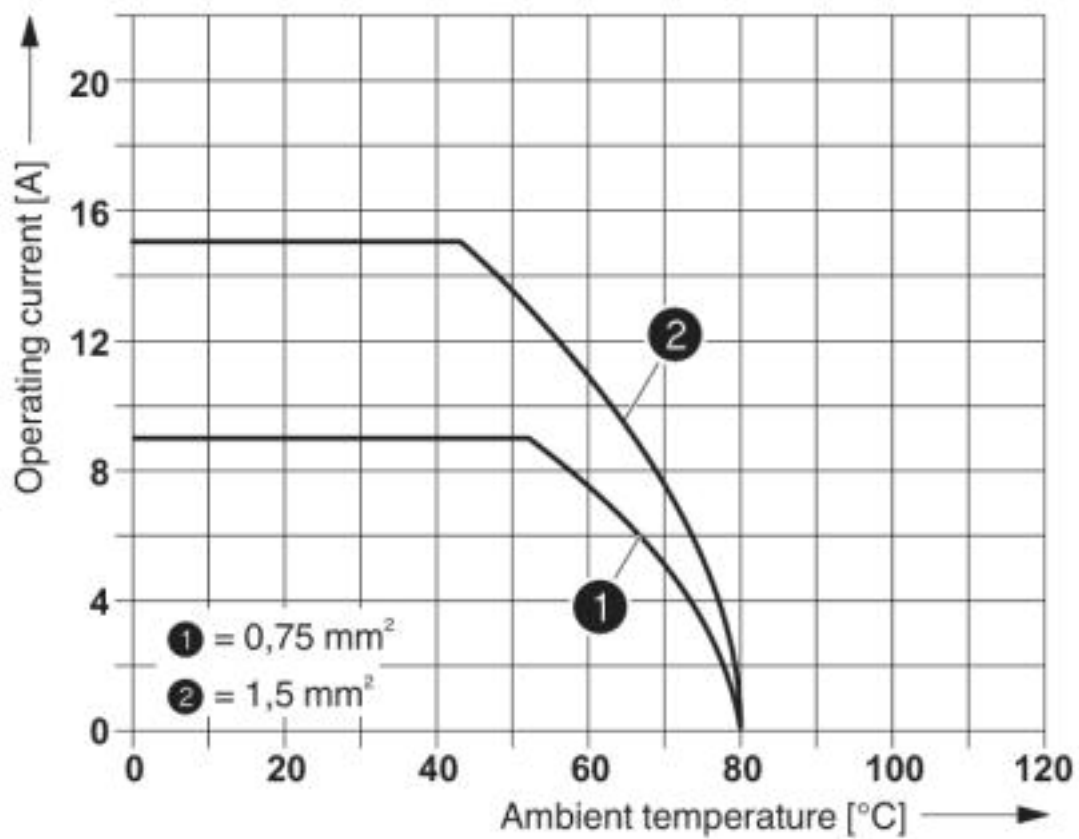
Insulating material	PA
Flammability rating according to UL 94	V0
Overvoltage category	III
Degree of pollution	3

Standards and Regulations

Flammability rating according to UL 94	V0
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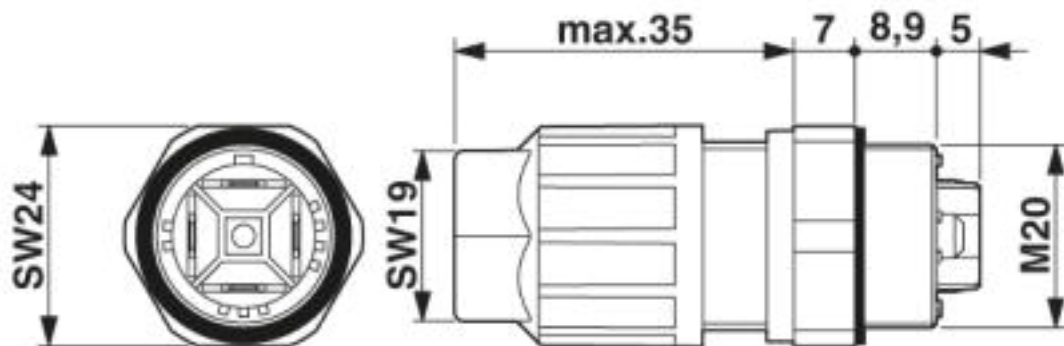
Drawings

Diagram



Panel feed-through - Q 1,5/4FL/24-M20KU-ESA PE BK - 1405182

Dimensional drawing



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