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Panel feed-through - Q 0,75/3FL/ 9-M16KU-ESA BK - 1641497

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QUICKON panel feed-through, for external wall mounting with manual solder/slip-on connection, 2.8 x 0.8 mm, 3-pos.

The illustration shows a green version

Key Commercial Data

Packing unit	10 STK
GTIN	 4 017918 219581

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; 2.8 x 0.8 mm
Number of positions	3
Wrench size, union nut	19 mm
Tightening torque, union nut	2.5 Nm
Wrench size, contact carrier	19 mm
Tightening torque contact carrier	3.75 Nm
Tightening torque, counter nut	3.75 Nm
Number of connections	3
Conductor cross section flexible min.	0.34 mm ²
Conductor cross section flexible max.	0.75 mm ²
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	Class 2-6 // 0.34 mm ² : 0.1 mm; 0.5 - 0.75 mm ² : 0.15 mm
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Technical data

Cabel

Wire insulation material	PVC/PE
Wire diameter including insulation	>= 2.5 mm
External cable diameter	6 mm ... 12 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.)
Temperature when conductor connected	-5 °C ... 50 °C (specifications of the cable manufacturer must also be observed)

Electrical characteristics

Nominal current I_N	9 A
Rated current	9 A
Rated voltage (III/3)	160 V
Note on the rated voltage (III/3)	with insulating sleeve
Rated voltage (III/2)	160 V
Note on the rated voltage (III/2)	with insulating sleeve
Rated voltage (II/2)	320 V
Note on the rated voltage (II/2)	with insulating sleeve
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 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	M16 x 1.5
Impact category	3

Material data

Contact material	CuZn
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

Connection in acc. with standard	CUL
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Technical data

Standards and Regulations

Flammability rating according to UL 94	V0
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Classifications

eCl@ss

eCl@ss 4.0	27140815
eCl@ss 4.1	27140815
eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27143423
eCl@ss 7.0	27449001
eCl@ss 8.0	27440103

ETIM

ETIM 2.0	EC001297
ETIM 3.0	EC000516
ETIM 4.0	EC000516
ETIM 5.0	EC002061

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 / cUL Recognized / EAC / cULus Recognized


Ex Approvals


Approvals submitted

Approval details


Panel feed-through - Q 0,75/3FL/ 9-M16KU-ESA BK - 1641497

Approvals

UL Recognized 	
Nominal current I _N	9 A
Nominal voltage U _N	250 V

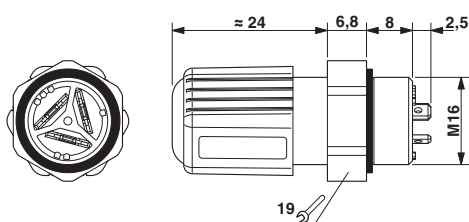
cUL Recognized 	
Nominal current I _N	6 A
Nominal voltage U _N	250 V

EAC

cULus Recognized 
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Drawings

Dimensional drawing



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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

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