

Panel feed-through - Q 1,5/4FL/24-M20KU-ESA-ASI BK - 1437261

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Panel feed-through with QUICKON fast connection technology, for accommodating one or two AS-i flat conductors, on the rear side with manual solder/slip-on connection 4.8 x 0.8 mm



Key commercial data

Packing unit	1 1
Weight per Piece (excluding packing)	20.0 GRM
Custom tariff number	85366990
Country of origin	Germany

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	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 stranded min.	0.75 mm ²
Conductor cross section stranded max.	1.5 mm ²
Conductor cross section AWG/kcmil min.	18
Conductor cross section AWG/kcmil max	16

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Technical data

Conductor

Wire diameter including insulation	1.8 mm ... 3 mm
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Ambient conditions

Degree of protection	IP65
	IP67
Ambient temperature (operation)	-25 °C ... 80 °C
Temperature when conductor connected	-5 °C ... 50 °C

Electrical characteristics

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 surge voltage (III/3)	6 kV

Mechanical characteristics

QUICKON connectability	10 (For the same conductor cross section)
PC QUICKON thread type	M20
Impact category	3

Material data

Contact material	Copper alloy
Contact surface material	Pre-nickel plated and tin-plated
Contact carrier material	PA
Inflammability class according to UL 94	V0
Surge voltage category	III
Pollution degree	3

Classifications

eCl@ss

eCl@ss 4.0	24190219
eCl@ss 4.1	24190219
eCl@ss 5.0	27400209
eCl@ss 5.1	27400209
eCl@ss 6.0	27400209
eCl@ss 7.0	27440304
eCl@ss 8.0	27440304

ETIM

ETIM 3.0	EC000516
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Classifications

ETIM

ETIM 4.0	EC000516
ETIM 5.0	EC000516

UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / VDE Zeichengenehmigung / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized	
Nominal current IN	15 A
Nominal voltage UN	250 V

cUL Recognized	
Nominal current IN	11 A
Nominal voltage UN	250 V

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Approvals

VDE Zeichengenehmigung	
mm ² /AWG/kcmil	0.75-1.5
Nominal voltage UN	500 V

cULus Recognized	
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Accessories

Accessories

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 M20 - 1640702



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

Socket spanner

Socket wrench - QSS 19 - 1670895



Socket wrench, for tightening and unscrewing the QUICKON union nut, wrench size 19 mm

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Accessories

Stripping tool

Stripping tool - WIREFOX ASI - 1212154



Stripping pliers, for AS interface flat-ribbon cables, any desired stripping length

Drawings

Dimensioned drawing

