

Panel feed-through - QPD W 3PE1,5 M25 0,1 BK K TH - 1577273

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QUICKON panel feed-through, 3-pos. +PE, 1.0 mm² ... 2.5 mm² / 630 V / 20 A, without QUICKON nut, with 4 welded-on 1.5 mm² cable wires, 0.1 m long, with ring cable lugs at the end

Your advantages

- ✓ Innovative and time saving - QUICKON fast connection for time saving of up to 80 % for on-site connection
- ✓ Convenient: quick and easy assembly without special tools
- ✓ Robust throughout: housing with IP68/IP69K and IK07 protection for a wide range of applications
- ✓ Safer connection thanks to polarization against mismatching and touch-proof protection according to DIN EN 0105
- ✓ Efficient - by using panel feed-throughs, devices no longer need to be opened in order to connect cables

Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 449663
GTIN	4046356449663
Weight per Piece (excluding packing)	22.000 g
Custom tariff number	85444290
Country of origin	Germany

Technical data

General

Type	QPD 4x2,5
Length of cable	0.1 m
Color	black
Locking type	Screw locking
Connection method	QUICKON connection

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Technical data

General

	IDC connection
Number of positions	4
Note number of positions	3+PE
Wrench size, union nut	22 mm
Tightening torque, union nut	8 Nm
Tightening torque, counter nut	5 Nm
Wrench size, counter nut	27 mm
Number of connections	10
Conductor cross section flexible min.	1 mm ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section solid min.	1 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section AWG min.	16
Conductor cross section AWG max.	14

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/TPE/rubber
Wire diameter including insulation	2 mm ... 3.8 mm
External cable diameter	Order Quickon nuts or Quickon connectors separately
Position marking	1, 2, 3, PE

Ambient conditions

Degree of protection	IP66
	IP68
	IP69K
Ambient temperature (operation)	-40 °C ... 100 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Temperature when conductor connected	-5 °C ... 50 °C

Electrical characteristics

Nominal current I _N	20 A
Rated current	20 A
Rated voltage (III/3)	690 V
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	8 kV

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Mechanical characteristics

QUICKON connectability	max. 10
Impact category	7
Category of shock impact	IK07

Material data

Contact material	Cu
Contact surface material	silver-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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Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27143424
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 3.0	EC002061
ETIM 4.0	EC002061
ETIM 5.0	EC002566
ETIM 6.0	EC002061

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Classifications

UNSPSC

UNSPSC 6.01	30212113
UNSPSC 7.0901	39121712
UNSPSC 11	39121712
UNSPSC 12.01	39121712
UNSPSC 13.2	39121522

Accessories

Accessories

Coding element

Coding profile - CP-QPD - 1582459



Coding profile red, for pushing into the QUICKON dome and connector, can be positioned in 90° steps.

Device marking

Plastic label - EMLP (13X9)R - 0819453



Plastic label, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK ROLL X1, THERMOMARK ROLL 2.0, THERMOMARK ROLL, mounting type: adhesive, lettering field size: 13 x 9 mm

Engraving material - GPE 13X 9 WH - 0806932



Engraving material, Sheet, white, unlabeled, can be labeled with: PLOTMARK, ENGRAVING UNIT, CMS-P1-PLOTTER, P1 ENGRAVING UNIT, mounting type: adhesive, lettering field size: 13 x 9 mm

Mounting material

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Accessories

Nut - Q-MU M25 - 1640715



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

Protective cap

Protective cap - QPD QSK 2,5 FS - 1582488



Plastic protective cap, for QPD-QUICKON connectors, green, with holding band, IP68

Protective cap - QPD QSK 2,5 - 1582150



Protective cap made of transparent plastic for QPD QUICKON connection 4x 2.5 mm², IP50.

Socket spanner

Socket wrench - QSS 22 - 1670206



Allen wrench, for loosening and fastening the QUICKON union nut, WAF 22 mm

Connector - QPD P 3PE2,5 6-10 BK - 1582202



Connector, QUICKON connection, number of positions: 3+PE, 1 mm² ... 2.5 mm², 690 V, 20 A, black, cable diameter range: 6 mm ... 10 mm

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Accessories

Connector - QPD P 3PE2,5 9-14 BK - 1582205



Connector, QUICKON connection, number of positions: 3+PE, 1 mm² ... 2.5 mm², 690 V, 20 A, black, cable diameter range: 9 mm ... 14 mm
