

QPD W 3PE1,5 M25 0,1 BK K TH

Order No.: 1577273



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

Commercial data

EAN	4 046356 449663
Note	Made-to-order
sales group	D073
Pack	1 Pcs.
Customs tariff	85444290
Gross weight in pieces	0.0331 KG
Net weight per piece	0.0331 KG
Catalog page information	Page 389 (C-4-2013)

Technical data

General

Type	QPD 4x2,5
Length of cable	0.1 m
Color	black
Connection method	QUICKON connection
	IDC connection
Number of positions	4

Note number of positions	3+PE
Wrench size, union nut	22 mm
Tightening torque, union nut	5 Nm
Tightening torque, counter nut	5 Nm
Wrench size, counter nut	27 mm
Number of connections	10
Conductor cross section stranded min.	1 mm ²
Conductor cross section stranded 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/kcmil min.	16
Conductor cross section AWG/kcmil max	14

Conductor

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	2.5 mm ... 3.8 mm
External cable diameter	Order Quickon nuts or Quickon connectors separately

Ambient conditions

Degree of protection	IP68 (2 m / 24 h)
	IP69K
Ambient temperature (operation)	-40 °C ... 80 °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

Mechanical characteristics

QUICKON connectability	max. 10
Impact category	7

Material data

Contact material	Cu
Contact surface material	silver-plated
Contact carrier material	PA
Insulating material	PA
Inflammability class according to UL 94	V0
Surge voltage category	III
Pollution degree	3

Certificates / Approvals

Certification

GOST, VDE Zeichengenehmigung, GL

Certifications applied for:

Certification Ex:

Accessories

Item	Designation	Description
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Assembly

1640715	Q-MU M25	Nut (plastic) to lock the contact carrier from the inside of the device
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Connector/Adapter

1582459	CP-QPD	Coding profile red, for pushing into the QUICKON dome and connector, can be positioned in 90° steps.
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General

1582202	QPD P 3PE2,5 6-10 BK	QUICKON-connector, black, 3+PE-pos., 1.0 mm² ... 2.5 mm²/630 V/20 A, with QUICKON nut, for cables with a diameter of 6 mm ... 10 mm.
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1582205	QPD P 3PE2,5 9-14 BK	QUICKON connector, black, 3+PE-pos., 1.0 mm ² ... 2.5 mm ² /630 V/20 A, with QUICKON nut, for cables with a diameter of 9 mm ... 14 mm.
1582150	QPD QSK 2,5	Protective cap made of transparent plastic for QPD QUICKON connection 4x 2.5 mm ² , IP54.
1582488	QPD QSK 2,5 FS	Plastic protective cap, for QPD-QUICKON connectors, green, with holding band, IP68

Marking

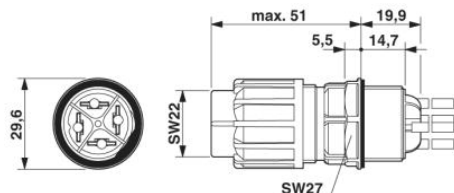
0819453	EMLP (13X9)R	Plastic label, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK X, THERMOMARK S1.1, Mounting type: Adhesive, Lettering field: 13 x 9 mm
0806932	GPE 13X 9 WH	Engraving material, Sheet, white, unlabeled, can be labeled with: Engraving, Plotter, Mounting type: Adhesive, Lettering field: 13 x 9 mm

Tools

1670206	QSS 22	Allen wrench, for loosening and fastening the QUICKON union nut, WAF 22 mm
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Drawings

Dimensioned drawing



Drawing without line wires and with nuts