



Automatización Eléctrica
Especialistas en Automatización

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Panel feed-through - QPD W 4PE6,0 12-20 M25 0,5 GY - 1410401

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Panel feed-through, QUICKON connection, No. of pos.: 4+PE, 2.5 mm² ... 6 mm², 690 V, 40 A, gray, With QUICKON nut, Cable diameter: 12 mm ... 20 mm, Assembly thread: M25, Single wires (Welded-on), 6 mm², Wires cut flat at the end, Cable length: 0.5 m

Why buy this product

- 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 STK
GTIN	 4 046356 929417

Technical data

General

Type	QPD 5x6,0
Length of cable	0.5 m
Color	gray
Locking type	Screw locking
Connection method	QUICKON connection
	IDC connection
Number of positions	5
Note number of positions	4+PE
Wrench size, union nut	30 mm
Number of connections	10
Conductor cross section flexible min.	2.5 mm ²
Conductor cross section flexible max.	6 mm ²
Conductor cross section solid min.	2.5 mm ²
Conductor cross section solid max.	6 mm ²
Conductor cross section AWG min.	14
Conductor cross section AWG max.	10

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Technical data

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
External cable diameter	12 mm ... 20 mm
Conductor cross section	6 mm ²

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	40 A
Rated current	40 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
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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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Classifications

eCl@ss

eCl@ss 5.1	27143424
eCl@ss 6.0	27143424
eCl@ss 8.0	27440602

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Classifications

ETIM

ETIM 4.0	EC002635
ETIM 5.0	EC002566

Approvals

Approvals

Approvals

GL

Ex Approvals

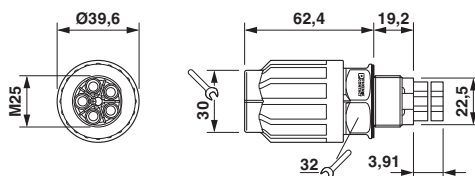
Approvals submitted

Approval details

GL

Drawings

Dimensional drawing



Dimensional drawing of QPD W 4PE6,0 M25

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