



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## Panel feed-through - QPD W 4PE6,0 M25 0,5 BK - 1410396

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QUICKON panel feed-through, 4+PE-pos., 2.5 mm<sup>2</sup> ... 6.0 mm<sup>2</sup>/690 V/40 A, without QUICKON nut, black, M25 connection thread with 5 welded-on 6.0 mm<sup>2</sup> cable wires, 0.5 m long, cut flat at the end.

### 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
Custom tariff number	85444290
Country of origin	Poland

### Technical data

#### General

Type	QPD 5x6,0
Length of cable	0.5 m
Color	black
Locking type	Screw locking
Connection method	QUICKON connection
	IDC connection
Number of positions	5
Note number of positions	4+PE

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## Technical data

### General

Wrench size, union nut	30 mm
Number of connections	10
Conductor cross section flexible min.	2.5 mm <sup>2</sup>
Conductor cross section flexible max.	6 mm <sup>2</sup>
Conductor cross section solid min.	2.5 mm <sup>2</sup>
Conductor cross section solid max.	6 mm <sup>2</sup>
Conductor cross section AWG min.	14
Conductor cross section AWG max.	10

### 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

### Ambient conditions

Degree of protection	IP68 ()
	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 <sub>N</sub>	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

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### Technical data

#### Material data

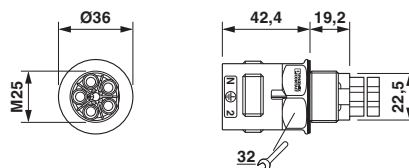
Degree of pollution	3
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#### Standards and Regulations

Flammability rating according to UL 94	V0
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### Drawings

Dimensional drawing



Dimensional drawing of QPD W 4PE6,0 M25

### Classifications

#### eCl@ss

eCl@ss 5.1	27143424
eCl@ss 6.0	27143424
eCl@ss 8.0	27440602
eCl@ss 9.0	27440602

#### ETIM

ETIM 4.0	EC002635
ETIM 5.0	EC002566

### Approvals

#### Approvals

Approvals

GL / EAC

Ex Approvals

## Panel feed-through - QPD W 4PE6,0 M25 0,5 BK - 1410396

### Approvals

Approvals submitted

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#### Approval details

GL
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EAC
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