

Panel feed-through - QPD W 4PE6,0 12-20 M25 0,5 BK - 1410394

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QUICKON panel feed-through, 4+PE-pos., 2.5 mm² ... 6.0 mm²/690 V/40 A, with QUICKON nut, black, for cable diameter of 12 mm ... 20 mm, M25 connection thread with 5 welded-on 6.0 mm² 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
GTIN	 4 046356 929325
GTIN	4046356929325

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
Wrench size, union nut	30 mm
Tightening torque, union nut	15 Nm
Number of connections	10

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Technical data

General

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

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	2.95 mm ... 5 mm
External cable diameter	12 mm ... 20 mm
Conductor cross section	6 mm ²
Position marking	1, 2, 3, N, PE
Wire colors	black, brown, gray, blue, green/yellow

Ambient conditions

Degree of protection	IP66
	IP68 (2 m / 24 h)
	IP69K
Ambient temperature (operation)	-40 °C ... 100 °C
Ambient temperature (storage/transport)	-40 °C ... 100 °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
Category of shock impact	IK07

Material data

Contact material	Cu
Contact surface material	silver-plated
Contact carrier material	PA
Insulating material	PA

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Technical data

Material data

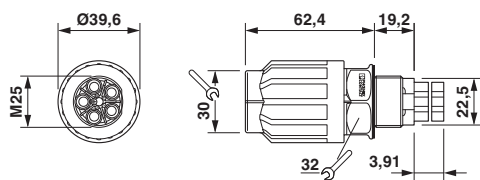
Flammability rating according to UL 94	V0
Overvoltage category	III
Degree of pollution	3

Standards and Regulations

Flammability rating according to UL 94	V0
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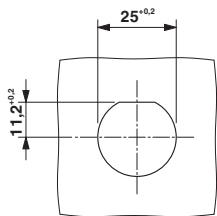
Drawings

Dimensional drawing



Dimensional drawing of QPD W 4PE6,0 M25

Dimensional drawing



Panel cutout

Approvals

Approvals

Approvals

GL / EAC / VDE approval of drawings / IECEx CB Scheme


Ex Approvals


Approval details

GL		http://exchange.dnv.com/tari/	6195914 HH
EAC			EAC-Zulassung

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Approvals

VDE approval of drawings		http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx	40029149
mm²/AWG/kcmil	2.5-6.0		
Nominal current I _N	40 A		
Nominal voltage U _N	690 V		

IECEE CB Scheme		http://www.iecee.org/	DE1-58228
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