

Panel feed-through - QPD W 2PE1,5 M20 1,0 BK - 1414691

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Panel feed-through, QUICKON connection, number of positions: 2+PE, 0.5 mm² ... 1.5 mm², 690 V, 17.5 A, black, Without QUICKON nut, assembly thread: M20, Single wires, 1.5 mm², cable length: 1 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 055626 031446
GTIN	4055626031446

Technical data

General

Type	QPD 3x1,5
Length of cable	1 m
Color	black
Locking type	Screw locking
Connection method	QUICKON connection
	IDC connection
Number of positions	3
Note number of positions	2+PE
Tightening torque, union nut	8 Nm
Tightening torque, counter nut	5 Nm
Number of connections	10

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Technical data

General

Conductor cross section flexible min.	0.5 mm ²
Conductor cross section flexible max.	1.5 mm ²
Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	16

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	1.6 mm ... 3 mm
Conductor cross section	1.5 mm ²
Position marking	1, 2, PE
Wire colors	brown, 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	17.5 A
Rated current	17.5 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
Flammability rating according to UL 94	V0

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Technical data

Material data

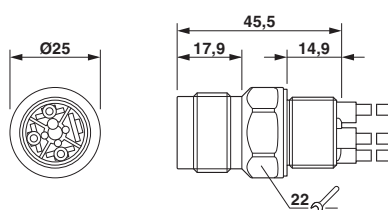
Overvoltage category	III
Degree of pollution	3

Standards and Regulations

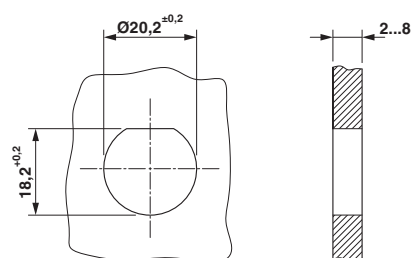
Flammability rating according to UL 94	V0
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Drawings

Dimensional drawing



Dimensional drawing



Housing cutout

Approvals

Approvals

Approvals

GL / VDE approval of drawings / IEC CB Scheme

Ex Approvals

Approval details

GL		http://exchange.dnv.com/tari/	6195914 HH
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VDE approval of drawings		http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx	40029149
mm²/AWG/kcmil	0.5-1.5		
Nominal current I _N	17.5 A		
Nominal voltage U _N	690 V		

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Approvals

IECEE CB Scheme



<http://www.iecee.org/>

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