Panel feed-through - QPD W 2PE1,5 4-9 M20 FC BK - 1414686

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Panel feed-through, QUICKON connection, number of positions: 2+PE, 0.5 mm² ... 1.5 mm², 690 V, 15 A, black, with QUICKON nut, cable diameter range: 5 mm ... 9.5 mm, assembly thread: M20, Slip-on connection (For slip-on sleeves according to DIN 46247-2), 1.5 mm²

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

RoHS

Key Commercial Data

Packing unit	1 STK
GTIN	4 055626 031392
GTIN	4055626031392

Technical data

General

Type	QPD 3x1,5
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
Conductor cross section flexible min.	0.5 mm²

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Technical data

General

Conductor cross section flexible max.	1.5 mm²
Conductor cross section solid min.	0.5 mm²
Conductor cross section solid max.	1.5 mm²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	16
Dimensions of slip-on connection	4.8 x 0.8 mm

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
External cable diameter	5 mm ... 9.5 mm
Conductor cross section	1.5 mm²
Position marking	1, 2, PE

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	15 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

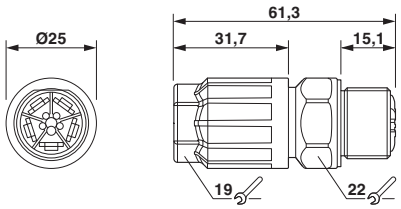
Flammability rating according to UL 94	V0

Environmental Product Compliance

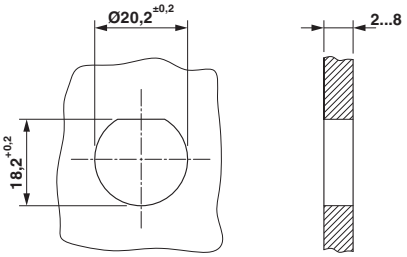
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Dimensional drawing



Dimensional drawing



Housing cutout

Approvals

Approvals

Approvals

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

Ex Approvals

Approval details

GL	GL	http://exchange.dnv.com/tari/	6195914 HH

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Approvals

VDE approval of drawings		http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40029149

Nominal voltage UN	690 V
Nominal current IN	17.5 A
mm²/AWG/kcmil	0.5-1.5

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

EAC		RU C-DE.AI30.B.01102

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