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Especialistas en Automatización

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Panel feed-through - QPD W 4PE2,5 9-16 M20 0,5 GY - 1403732

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Panel feed-through, QUICKON connection, No. of pos.: 4+PE, 1 mm² ... 2.5 mm², 690 V, 20 A, gray, With QUICKON nut, Cable diameter: 6 mm ... 10 mm, Assembly thread: M20, Single wires (Welded-on), 2.5 mm², Wires cut flat at the end, Cable length: 0.5 m

Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 665063

Technical data

General

Type	QPD 5x2,5
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	27 mm
Tightening torque, union nut	10 Nm
Tightening torque, counter nut	5 Nm
Wrench size, counter nut	30 mm
Number of connections	10
Conductor cross section flexible min.	1 mm ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section solid min.	1 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section AWG min.	16
Conductor cross section AWG max.	14

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

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Technical data

Cabel

Wire diameter including insulation	2.5 mm ... 3.8 mm
External cable diameter	6 mm ... 10 mm
	9 mm ... 16 mm
Conductor cross section	2.5 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	20 A
Rated current	20 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 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27143424

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Classifications

eCl@ss

eCl@ss 5.1	27143424
eCl@ss 6.0	27143424
eCl@ss 7.0	27440209
eCl@ss 8.0	27440602

ETIM

ETIM 3.0	EC001283
ETIM 4.0	EC000516
ETIM 5.0	EC002566

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	39121522
UNSPSC 13.2	39121413

Approvals

Approvals


Approvals

VDE Zeichengenehmigung / IECCE CB Scheme / GL

Ex Approvals

Approvals submitted

Approval details

VDE Zeichengenehmigung 	
mm ² /AWG/kcmil	1.0-2.5
Nominal current I _N	20 A
Nominal voltage U _N	690 V

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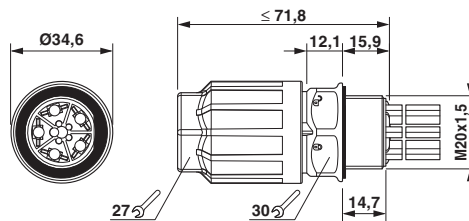
Approvals

IECEE CB Scheme	
Nominal voltage UN	690 V

GL

Drawings

Dimensional drawing



Dimensional drawing of the QPD W 5x2,5 M20

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