

Panel feed-through - QPD W 4X2,5 M25 0,25 GY AE B-S - 1419428

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Panel feed-through, QUICKON connection, number of positions: 4, 1 mm² ... 2.5 mm², 690 V, 20 A, gray, Without QUICKON nut, Single wires (welded-on), 2.5 mm², with ferrules at the end, cable length: 0.25 m, pin assignment: 1 = BN, 2 = BU

RoHS

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	250 pc
GTIN	 4 055626 173054
GTIN	4055626173054

Technical data

General

Type	QPD 4x2,5
Length of cable	0.25 m
Color	gray
Locking type	Screw locking
Connection method	QUICKON connection
	IDC connection
Number of positions	4
Tightening torque, union nut	5 Nm
Tightening torque, counter nut	5 Nm
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

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Technical data

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
Wire diameter including insulation	2 mm ... 3.8 mm
Conductor cross section	2.5 mm ²
Position marking	1, 2, 3, 4

Ambient conditions

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

Material data

Contact material	CuZn
Contact surface material	Tin-plated
Contact carrier material	PA
Insulating material	PA
Flammability rating according to UL 94	V0
Overvoltage category	III
Degree of pollution	3

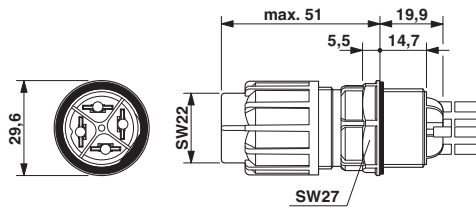
Standards and Regulations

Flammability rating according to UL 94	V0
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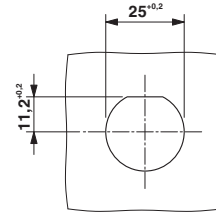
Drawings

Panel feed-through - QPD W 4X2,5 M25 0,25 GY AE B-S - 1419428

Dimensional drawing



Dimensional drawing



Panel cutout

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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>