

Panel feed-through - QPD W 5X1,5 M25 0,35 BK B-S - 1419427

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Panel feed-through, QUICKON connection, number of positions: 5, 0.5 mm² ... 1.5 mm², 690 V, 17.5 A, black, Without QUICKON nut, assembly thread: M25, Single wires (welded-on), 1.5 mm², wires cut flat at the end, cable length: 0.35 m, pin assignment: 1 = RD, 2 = BK, 3 = WH, 4 = BN, 5 = VT

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 173047
GTIN	4055626173047

Technical data

General

Type	QPD 5x1,5
Length of cable	0.35 m
Color	black
Locking type	Screw locking
Connection method	QUICKON connection
	IDC connection
Number of positions	5
Note number of positions	5
Tightening torque, union nut	8 Nm
Tightening torque, counter nut	5 Nm
Number of connections	10
Conductor cross section flexible min.	0.5 mm²
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

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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/TPE/rubber
Wire diameter including insulation	1.6 mm ... 3 mm
Conductor cross section	1.5 mm ²
Position marking	1, 2, 3, 4, 5

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
Overvoltage category	III
Degree of pollution	3

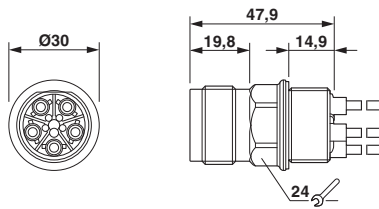
Standards and Regulations

Flammability rating according to UL 94	V0
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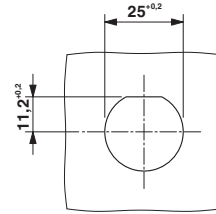
Drawings

Panel feed-through - QPD W 5X1,5 M25 0,35 BK B-S - 1419427

Dimensional drawing



Dimensional drawing



Panel cutout

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