T distributor - QPD T 2PE1,5 2X4-9 BK - 1414711

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T distributor, QUICKON connection, No. of pos.: 2+PE, 0.5 mm² ... 1.5 mm², 690 V, 17.5 A, black, With two QUICKON nuts, Cable diameter: 4 mm ... 9 mm

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
- Flexible and compact - by connecting connections internally, H and T-distributors can be used to branch master cables or they can be used as star distributors

Key Commercial Data

Packing unit	1 STK
Weight per Piece (excluding packing)	120.0 g
Custom tariff number	85366990
Country of origin	Poland

Technical data

General

Type	T-distributor
Color	black
Locking type	Screw locking
Connection method	QUICKON connection
	IDC connection
Number of positions	3
Note number of positions	2+PE

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Technical data

General

Tightening torque, union nut	5 Nm
Tightening torque, counter nut	5 Nm
Number of connections	2
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

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
External cable diameter	4 mm ... 9 mm

Ambient conditions

Degree of protection	IP68 ()
	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	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
Insertion/withdrawal cycles	10 (Quickon connections max. 10)

Material data

Contact material	Cu
Contact surface material	silver-plated
Contact carrier material	PA

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Technical data

Material data

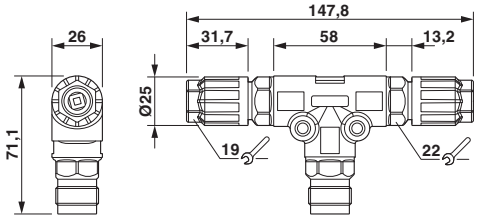
Insulating material	PA
Flammability rating according to UL 94	V0
Overvoltage category	III
Degree of pollution	3

Standards and Regulations

Flammability rating according to UL 94	V0

Drawings

Dimensional drawing



Dimensional drawing

Classifications

eCl@ss

eCl@ss 5.1	27143424
eCl@ss 6.0	27143424
eCl@ss 8.0	27440603
eCl@ss 9.0	27440106

ETIM

ETIM 5.0	EC000421

Approvals

Approvals

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GL

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Approvals

Ex Approvals

Approvals submitted

Approval details

GL

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