

T distributor - QPD T 4PE6,0 3X9-14 BK - 1411414

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QUICKON T-distributor, black, 4+PE-pos., 2.5 mm² ... 6.0 mm²/690 V/40 A, for cable diameter of 9 mm ... 14 mm, with three QUICKON nuts

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 pc
GTIN	 4 046356 931960
Weight per Piece (excluding packing)	412.7 g
Custom tariff number	85366990
Country of origin	Poland
Note	Made to Order (non-returnable)

Technical data

General

Type	T-distributor
Color	black
Locking type	Screw locking
Connection method	QUICKON connection IDC connection
Number of positions	5
Note number of positions	4+PE
Wrench size, union nut	30 mm
Tightening torque, union nut	10 Nm

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Technical data

General

Number of connections	3
Conductor cross section stranded min.	2.5 mm ²
Conductor cross section stranded max.	6 mm ²
Conductor cross section solid min.	2.5 mm ²
Conductor cross section solid max.	6 mm ²
Conductor cross section AWG/kcmil min.	14
Conductor cross section AWG/kcmil max	10

Conductor

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	9 mm ... 14 mm

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	40 A
Rated current	40 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
Inflammability class according to UL 94	V0
Surge voltage category	III
Pollution degree	3

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Classifications

eCl@ss

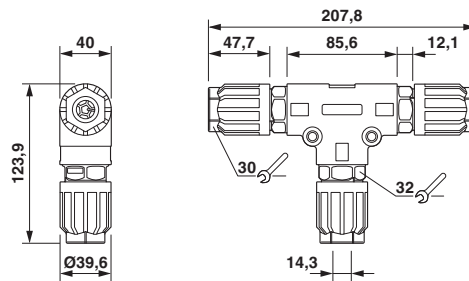
eCl@ss 5.1	27143423
eCl@ss 6.0	27143423

ETIM

ETIM 4.0	EC002635
ETIM 5.0	EC002635

Drawings

Dimensioned drawing



Dimensional drawing