

QPD T 4PE 3X9-16 BK VPE50 - T distributor



1419980

<https://www.phoenixcontact.com/us/products/1419980>

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QUICKON T-distributor, black, 4+PE-pos., 1.0 mm² ... 2.5 mm²/690 V/20 A, for cable diameter of 9 mm ... 16 mm, with three QUICKON nuts

Your advantages

- Innovative and time saving - QUICKON fast connection for time saving of up to 80 % for on-site connection
- Robust throughout: housing with IP68/IP69K and IK07 protection for a wide range of applications
- Safer connection with mechanical coding to protect against mismatching, and touch-proof protection in accordance with 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

Commercial data

Item number	1419980
Packing unit	50 pc
Minimum order quantity	50 pc
Product key	AF6FAX
GTIN	4055626199719
Weight per piece (including packing)	267.17 g
Weight per piece (excluding packing)	267.17 g
Country of origin	PL

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Technical data

Product properties

Product type	Power distributor
Product family	QPD
Type	T distributor
Number of positions	5
Connection profile	4+PE
No. of cable outlets	3

Insulation characteristics

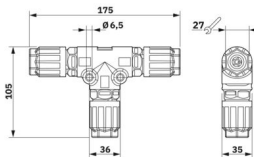
Overvoltage category	III
Degree of pollution	3

Connection data

Connection technology

Frequency of connections between conductors of the same cross section	max. 10
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Dimensions

Dimensional drawing	
Wrench size	27 mm
Wrench size for mounting	27 mm

Electrical properties

Contact resistance	< 3 mΩ
Nominal current I_N	20 A

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	max. 50
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Material specifications

Color	black (RAL 9005)
Material Housing	PA
Material Contact	Cu
Material Contact surface	silver-plated
Flammability rating according to UL 94	V0

1419980

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Cable/line

Structure of individual litz in acc. with VDE 0295 / smallest wire diameter	VDE 0295 class 1 to 6/min. 0.15 mm
Wire diameter including insulation	2 mm ... 3.8 mm
Material wire insulation	PVC / PE

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP68 (2 m / 24 h)
	IP69K
Impact strength	IK07
Ambient temperature (operation)	-40 °C ... 80 °C (See also derating-diagram)
Temperature when conductor connected	-5 °C ... 50 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C

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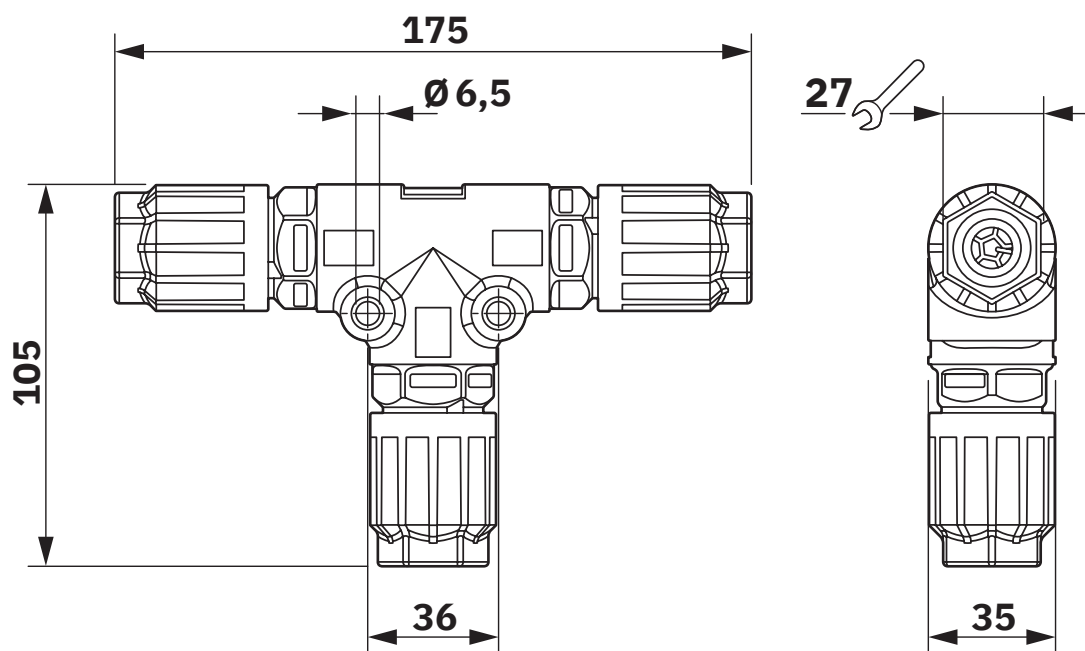
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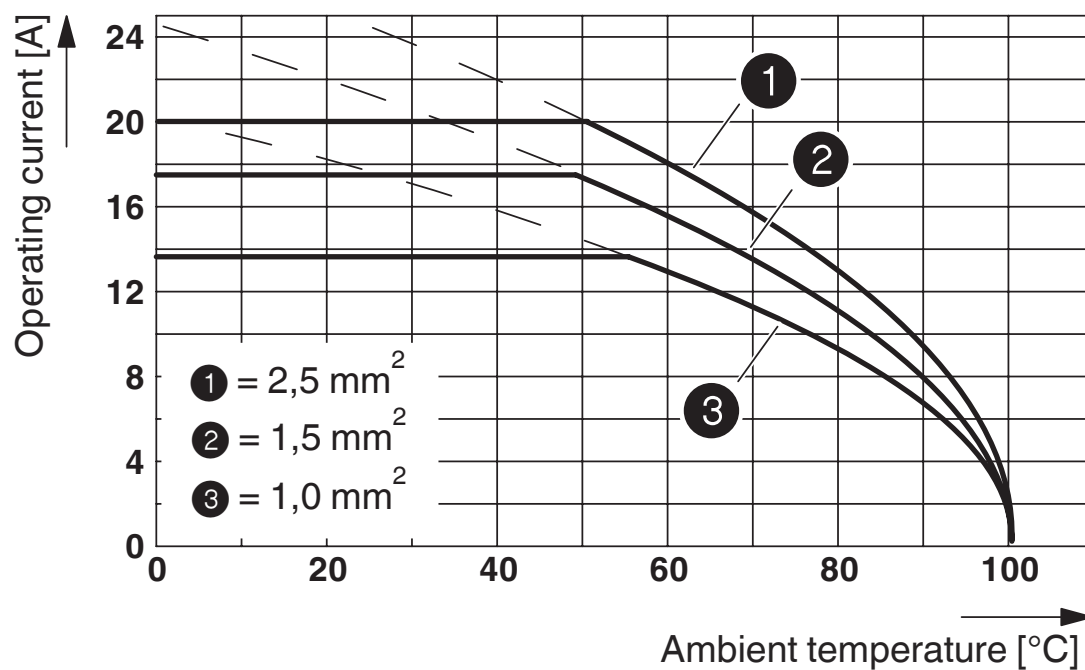
Drawings

Dimensional drawing



Dimensional drawing

Diagram



Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)
China RoHS	
Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.
EU REACH SVHC	
REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)