

Nut - QPD N 4PE2,5 6-11 BK - 1459663

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QUICKON nut, black, 4+PE-pos., 1.0 mm² ... 2.5 mm²/690 V/20 A, for cables with 6 mm ... 11 mm diameter.

Your advantages

- ✓ 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

Key commercial data

package_quantity	1
GTIN	4046356698665

Technical data

General

Type	QPD 5x2,5
Color	black
Locking type	Screw locking
Connection method	QUICKON connection
Connection method	IDC connection
Number of positions	5
Note number of positions	4+PE
Wrench size, union nut	27 mm
Tightening torque, union nut	10 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

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

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Technical data

Cabel

Wire diameter including insulation	2.5 mm ... 3.8 mm
External cable diameter	6 mm ... 11 mm

Ambient conditions

Degree of protection	IP68 ([NO ASSET AVAILABLE: TXB,5725453,P])
Degree of protection	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	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)	8 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 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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Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27143424
eCl@ss 5.1	27143424
eCl@ss 6.0	27143424
eCl@ss 7.0	27440209
eCl@ss 8.0	27440605

ETIM

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Classifications

ETIM

ETIM 3.0	EC002382
ETIM 4.0	EC000516
ETIM 5.0	EC002560

UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121522

Approvals

VDE Zeichengenehmigung / IEC EE CB Scheme / GL / EAC /

Approval details

VDE Zeichengenehmigung s 	
Nominal voltage UN	690 V
Nominal current IN	20 A
mm ² /AWG/kcmil	1.0-2.5

IECEE CB Scheme s 	
Nominal voltage UN	690 V
Nominal current IN	
mm ² /AWG/kcmil	

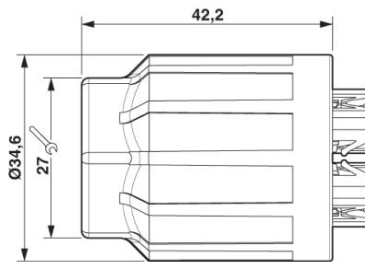
GL s

EAC s

Drawings

Nut - QPD N 4PE2,5 6-11 BK - 1459663

Dimensional drawing



Dimensional drawing of the QPD nut 5x2,5

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