

QPD STAS 3PE1,5 BK - Connector

1490382

<https://www.phoenixcontact.com/us/products/1490382>



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Connector, connection method: IDC connection, number of positions: 3+PE, 0.5 mm² ... 1.5 mm², 400 V, 16 A AC/DC, black, with one QUICKON nut, external cable diameter: 7 mm ... 13 mm, Connectors for the motor connection of Venetian blinds, blinds, roller shutters, and awnings

Your advantages

- Compatible with all classic motor connections for Venetian blinds, blinds, roller shutters, and awnings
- Convenient: quick and easy assembly without special tools
- Innovative and time saving - QUICKON fast connection for time saving of up to 80 % for on-site connection
- QPD STAK/STAS can be used for electrical devices for household use in accordance with IEC 60335
- Safer connection with mechanical coding to protect against mismatching, and touch-proof protection in accordance with DIN EN 0105

Commercial data

Item number	1490382
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF50
Product key	AF6FBA
GTIN	4063151936839
Weight per piece (including packing)	42.166 g
Weight per piece (excluding packing)	42.166 g
Customs tariff number	85366990
Country of origin	PL

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Technical data

Notes

Assembly note	NOTE: Tighten the QUICKON nut all the way to the stop or to the specified torque.
Notes on connection	You will find notes on assembly in our assembly video.

Product properties

Product type	Installation connector
Product family	QPD
Number of positions	4
Connection profile	3+PE
Position marking	1, 2, 3, PE
Number of connections per position	1

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage (III/3)	4 kV
Rated voltage (III/3)	400 V
Nominal voltage U_N	400 V AC/DC
Nominal current I_N	16 A AC/DC

Connection data

Connection technology

Connection method On the device side	IDC connection
Frequency of connections between conductors of the same cross section	max. 10

Conductor connection

Conductor cross section flexible	0.5 mm ² ... 1.5 mm ²
Conductor cross section solid	0.5 mm ² ... 1.5 mm ²
Connection cross section AWG	20 ... 16
Tightening torque Union nut	8 Nm

Dimensions

Dimensional drawing	
Width	27.5 mm

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Height	26 mm
Length	66 mm

Material specifications

Color	black (RAL 9005)
Material wire insulation	PVC/PE/TPE/rubber
Contact material	CuZn
Contact surface material	silver-plated
Contact carrier material	PA

Cable/line

Structure of individual litz in acc. with VDE 0295 / smallest wire diameter	VDE 0295 class 1 to 6/min. 0.15 mm
External cable diameter	7 mm ... 13 mm
Wire diameter including insulation	1.6 mm ... 3 mm
Position marking	1, 2, 3, PE
Single wire, color	Blue 1, black 2, brown 3, green-yellow PE

Mechanical properties

Mechanical data	
Insertion/withdrawal cycles	50

Environmental and real-life conditions

Ambient conditions	
Degree of protection	IP54
	IP66/IP67 (When combined with Phoenix Contact mating connector)
Ambient temperature (operation)	-40 °C ... 100 °C
Temperature when conductor connected	-5 °C ... 50 °C
Ambient temperature (storage/transport)	-40 °C ... 100 °C

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Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1490382>



VDE Zeichengenehmigung

Approval ID: 40051487



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Classifications

ECLASS

ECLASS-13.0	27440605
ECLASS-15.0	27440605

ETIM

ETIM 9.0	EC002560
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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Mandatory accessories

QPD STAK 3PE1,5 BK - Connector

1065121

<https://www.phoenixcontact.com/us/products/1065121>



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Accessories

SEALING PLUG 10X16 RD - Sealing plug

1400284

<https://www.phoenixcontact.com/us/products/1400284>

Sealing plug, for threads pluggable, color: red



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QSS 21,5 - Socket wrench

1739906

<https://www.phoenixcontact.com/us/products/1739906>



Socket wrench, for loosening and fastening QUICKON union nuts, wrench size 21.5 mm

UNIFOX-WRENCH - Screw pliers

1212835

<https://www.phoenixcontact.com/us/products/1212835>



Screw pliers, with fast adjustment, for wrench size 10 mm ... 36 mm, size: 260 mm

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