

# QPD STAS 3PE1,5 GY - Connector



1490384

<https://www.phoenixcontact.com/us/products/1490384>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Connector, connection method: IDC connection, number of positions: 3+PE, 0.5 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>, 400 V, 16 A AC/DC, gray, 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                          | 1490384       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BF50          |
| Product key                          | AF6BBA        |
| GTIN                                 | 4063151936938 |
| Weight per piece (including packing) | 42.9 g        |
| Weight per piece (excluding packing) | 42.67 g       |
| Customs tariff number                | 85366990      |
| Country of origin                    | PL            |

# QPD STAS 3PE1,5 GY - Connector

1490384

<https://www.phoenixcontact.com/us/products/1490384>



## Technical data

### Notes

|                     |                                                                                          |
|---------------------|------------------------------------------------------------------------------------------|
| Assembly note       | <b>NOTE:</b> 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

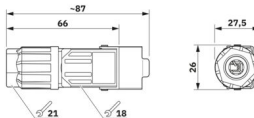
#### Connection technology

|                                                                       |                |
|-----------------------------------------------------------------------|----------------|
| 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 flexibel | 0.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> |
| Conductor cross section solid    | 0.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> |
| Connection cross section AWG     | 20 ... 16                                   |
| Tightening torque Union nut      | 8 Nm                                        |

### Dimensions

|                     |                                                                                      |
|---------------------|--------------------------------------------------------------------------------------|
| Dimensional drawing |  |
| Width               | 27.5 mm                                                                              |

# QPD STAS 3PE1,5 GY - Connector



1490384

<https://www.phoenixcontact.com/us/products/1490384>

|        |       |
|--------|-------|
| Height | 26 mm |
| Length | 66 mm |

## Material specifications

|                          |                       |
|--------------------------|-----------------------|
| Color                    | light gray (RAL 7035) |
| 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                                               |

# QPD STAS 3PE1,5 GY - Connector



1490384

<https://www.phoenixcontact.com/us/products/1490384>

## Approvals

 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1490384>



**VDE Zeichengenehmigung**

Approval ID: 40051487



**VDE Zeichengenehmigung**

Approval ID: 40051487

# QPD STAS 3PE1,5 GY - Connector



1490384

<https://www.phoenixcontact.com/us/products/1490384>

## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27440605 |
| ECLASS-15.0 | 27440605 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC002560 |
|----------|----------|

# QPD STAS 3PE1,5 GY - Connector



1490384

<https://www.phoenixcontact.com/us/products/1490384>

## Environmental product compliance

|                                         |                                          |
|-----------------------------------------|------------------------------------------|
| EU RoHS                                 |                                          |
| Fulfills EU RoHS substance requirements | Yes, No exemptions                       |
| 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%               |

# QPD STAS 3PE1,5 GY - Connector



1490384

<https://www.phoenixcontact.com/us/products/1490384>

## Mandatory accessories

### QPD STAK 3PE1,5 GY - Connector

1490380

<https://www.phoenixcontact.com/us/products/1490380>



Connector, connection method: IDC connection, number of positions: 3+PE, 0.5 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>, 400 V, 16 A AC/DC, gray, with one QUICKON nut, external cable diameter: 7 mm ... 13 mm, Connectors for the motor connection of Venetian blinds, blinds, roller shutters, and awnings

---

## Accessories

### SEALING PLUG 10X16 RD - Sealing plug

1400284

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



Sealing plug, for threads pluggable, color: red

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

***Click to view similar products for*** [Heavy Duty Power Connectors](#) ***category:***

***Click to view products by*** [Phoenix Contact](#) ***manufacturer:***

Other Similar products are found below :

[6646137-1](#) [6646138-1](#) [6646940-1](#) [6651091-1](#) [6651525-1](#) [6651529-1](#) [73080254296](#) [73080255059](#) [7310205040001](#) [7487](#) [PS25/A0420/63](#)  
[AN0024023](#) [1643543-1](#) [1791340000](#) [NLDFT-3-BL-L-S120-M40A](#) [NLDFT-N-W-L-C240-M40B](#) [NLS-2-R-C240-M40B](#) [NLS-3-BL-C240-](#)  
[M40B](#) [NLS-N-W-C240-M40B](#) [NPS-3-BL-T6](#) [C148 10A005 000 9](#) [2-1589900-8](#) [9300480317](#) [19000005132](#) [AN0024202](#) [AN0264023](#) [279-](#)  
[0841-10100A](#) [281-0334-00100A](#) [419-2083-301](#) [078238-1613](#) [078238-2910](#) [078239-2912](#) [078239-2910](#) [078239-2911](#) [078239-2913](#)  
[09370009946](#) [09305160521](#) [09370240318](#) [1-1104457-5](#) [5352I](#) [73000005327](#) [73000005329](#) [73080956756](#) [73080965056](#) [1926075-1](#)  
[6646136-1](#) [6646979-1](#) [1103021-2](#) [NPDFT-3-BL-L-T6](#) [46562-1559](#)