

# Q SET-PG9-0,75/3-ESA BK HUBA - Connector set



1641824

<https://www.phoenixcontact.com/us/products/1641824>

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QUICKON nut, black, including cap, seal, and splice ring

## Commercial data

Item number	1641824
Packing unit	100 pc
Minimum order quantity	1 pc
Product key	AF6UCX
GTIN	4017918890438
Weight per piece (including packing)	10.38 g
Weight per piece (excluding packing)	6 g
Country of origin	PL

## Technical data

### Product properties

Product type	Installation pressure nut
Number of positions	3
Connection profile	3
Number of connections	3
No. of cable outlets	0

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Connection data

#### Connection technology

Connection method On the field side	IDC connection
Frequency of connections between conductors of the same cross section	max. 10 (if the conductor is connected more than once, seal and cap may need to be replaced.)

#### Conductor connection

Tightening torque Union nut	2.5 Nm
Tightening torque Contact carrier	3.75 Nm
Tightening torque Locking nut	3.75 Nm
Wrench size Union nut	19 mm
Wrench size Contact carrier	19 mm

### Material specifications

Color	black (RAL 9005)
Material Housing	PA
Flammability rating according to UL 94	V0
Material wire insulation	PVC / PE
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	6 mm ... 12 mm
Wire diameter including insulation	2.5 mm
Material wire insulation	PVC / PE

### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP65
	IP67

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Impact strength	IK07
Ambient temperature (operation)	-25 °C ... 80 °C (Specifications of the cable manufacturer must be observed.)
	-25 °C ... 50 °C (when the conductor is connected. Specifications of the cable manufacturer must also be observed.)
Temperature when conductor connected	-5 °C ... 50 °C (specifications of the cable manufacturer must also be observed)

## Mounting

Assembly note	If the conductor is reconnected, it must be cut off above the last contact point. QUICKON components may only be operated when under no load.
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## Classifications

### ECLASS

ECLASS-13.0	27440691
ECLASS-15.0	27440691

### ETIM

ETIM 8.0	EC003569
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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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