Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

PHŒNIX CONTACT

Conductor connectors - QPD C 3PE1,5 2X4-9 BK - 1414696

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Conductor connectors, QUICKON connection, No. of pos.: 3+PE, 0.5 mm² ... 1.5 mm², 690 V, 17.5 A, black, With two QUICKON nuts, Cable diameter: 4 mm ... 9 mm

Why buy this product

■ 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

■ Safer connection thanks to polarization against mismatching and touch-proof protection according to DIN EN 0105

■ Easy and safe - with the cable connector, you can repair or extend cables quickly, in combination with the connector as well as the coupling connection

Key Commercial Data

Packing unit	1 STK
Weight per Piece (excluding packing)	40.0 g
Custom tariff number	85366990
Country of origin	Poland

Technical data

General

Color	black
Locking type	Screw locking
Connection method	QUICKON connection
	IDC connection
Number of positions	4
Note number of positions	3+PE
Tightening torque, union nut	5 Nm

PHŒNIX
CONTACT

Conductor connectors - QPD C 3PE1,5 2X4-9 BK - 1414696

Technical data

General

Tightening torque, counter nut	5 Nm
Conductor cross section flexible min.	0.5 mm²
Conductor cross section flexible max.	1.5 mm²
Conductor cross section solid min.	0.5 mm²
Conductor cross section solid max.	1.5 mm²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	16

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
External cable diameter	4 mm ... 9 mm

Ambient conditions

Degree of protection	IP68 ()
	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	17.5 A
Rated current	17.5 A
Rated voltage (III/3)	690 V
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	8 kV

Mechanical characteristics

QUICKON connectability	max. 10
Insertion/withdrawal cycles	10 (Quickon connections max. 10)

Material data

Contact material	Cu
Contact surface material	silver-plated
Contact carrier material	PA
Insulating material	PA
Flammability rating according to UL 94	V0

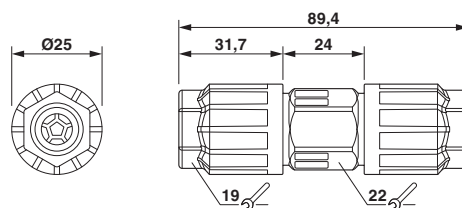# Conductor connectors - QPD C 3PE1,5 2X4-9 BK - 1414696

Technical data

Material data

Overvoltage category	III
Degree of pollution	3

Standards and Regulations

Flammability rating according to UL 94	V0

Drawings

Dimensional drawing

Dimensional drawing

Classifications

eCl@ss

eCl@ss 5.1	27260701
eCl@ss 6.0	27261202
eCl@ss 8.0	27440605
eCl@ss 9.0	27440605

ETIM

ETIM 5.0	EC002560

Approvals

Approvals

Approvals

GL

Ex Approvals

Conductor connectors - QPD C 3PE1,5 2X4-9 BK - 1414696

Approvals

Approvals submitted

Approval details

GL