

## Plug - QP 1,5/ 1 - 3051108

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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Plug, Connection method: Quick connection, Number of positions: 1, Cross section: 0.25 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 24 - 16, Width: 5.2 mm, Height: 40 mm, Color: gray

Illustration shows the product version QP 1,5/ 6

### Why buy this product

- The conductor is connected using the familiar IDC connection with no stripping, therefore saving time
- Just like the basic terminal blocks, the plugs also offer the right connection technology for every application
- Tested for railway applications
- The QP 1,5/... fast connector plug is designed for the connection of solid and stranded conductors

### Key Commercial Data

Packing unit	50 STK
GTIN	 4 046356 082457

### Technical data

#### General

Number of levels	1
Number of connections	1
Nominal cross section	1.5 mm <sup>2</sup>
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Area of application	Railway industry
	Mechanical engineering
	Plant engineering
Maximum load current	17.5 A (with 1.5 mm <sup>2</sup> conductor cross section)
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 61984
Maximum load current	17.5 A (with 1.5 mm <sup>2</sup> conductor cross section)

# Plug - QP 1,5/ 1 - 3051108

## Technical data

### General

Nominal current $I_N$	17.5 A
Nominal voltage $U_N$	500 V

### Dimensions

Width	5.2 mm
Length	20 mm
Height	40 mm
	24.00 mm

### Connection data

Connection method	Quick connection
Connection in acc. with standard	IEC 61984
Conductor cross section solid min.	0.25 mm <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	16
Conductor cross section flexible min.	0.25 mm <sup>2</sup>
Conductor cross section flexible max.	1.5 mm <sup>2</sup>
Min. AWG conductor cross section, flexible	24
Max. AWG conductor cross section, flexible	16
Material wire insulation	PVC / PE
Structure of individual litz in acc. with VDE 0295 / smallest wire diameter	VDE 0295 Cl. 1-5
Max. wire diameter incl. insulation	3 mm

### Standards and Regulations

Connection in acc. with standard	CSA
	IEC 61984
Flammability rating according to UL 94	V0

### Classifications

#### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141151

#### ETIM

ETIM 2.0	EC000897
----------	----------

# Plug - QP 1,5/ 1 - 3051108

## Classifications

### ETIM

ETIM 3.0	EC000897
ETIM 4.0	EC002021
ETIM 5.0	EC002021

### UNSPSC

UNSPSC 6.01	30211802
UNSPSC 7.0901	39121402
UNSPSC 11	39121402
UNSPSC 12.01	39121402
UNSPSC 13.2	39121402

## Approvals

### Approvals


#### Approvals


CSA / UL Recognized / cUL Recognized / GL / EAC / EAC / cULus Recognized

#### Ex Approvals

#### Approvals submitted

### Approval details

CSA 			
	B	C	D
mm <sup>2</sup> /AWG/kcmil	24-16	24-16	24-16
Nominal current I <sub>N</sub>	10 A	10 A	5 A
Nominal voltage U <sub>N</sub>	300 V	300 V	600 V

UL Recognized 				
		B	C	D
mm <sup>2</sup> /AWG/kcmil	24-16	24-16	24-16	24-16
Nominal current I <sub>N</sub>	10 A	10 A	10 A	5 A
Nominal voltage U <sub>N</sub>	600 V	300 V	300 V	600 V

# Plug - QP 1,5/ 1 - 3051108

## Approvals

cUL Recognized				
		B	C	D
mm <sup>2</sup> /AWG/kcmil	24-12	24-12	24-12	24-12
Nominal current I <sub>N</sub>	10 A	10 A	10 A	5 A
Nominal voltage U <sub>N</sub>	600 V	300 V	300 V	600 V
GL				
EAC				
EAC				
cULus Recognized				

## Drawings

Circuit diagram



Diagram

