Plug - QP 1,5/ 1-L - 3051014

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Illustration shows various versions of the product (left, center and right element) in different color combinations

Plug, Connection method: Quick connection, Number of positions: 1, Cross section: 0.25 mm² - 1.5 mm², AWG: 24 - 16, Width: 5.2 mm, Height: 40 mm, Color: gray

Product Description

Connector element left, left housing without engagement pin, right opened without cover

Product Features

- The conductor is connected using the familiar IDC connection with no stripping, therefore saving time
- The QT-COMBI plugs for self-assembly provide solutions that users can implement themselves
- 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	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	4.03 g
Custom tariff number	85366990
Country of origin	Turkey

Technical data

General

Number of levels	1
Number of connections	1
Nominal cross section	1.5 mm²
Color	gray
Insulating material	PA

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Technical data

General

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 mm² conductor cross section)
Rated surge voltage	6 kV
Pollution degree	3
Overvoltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 61984
Maximum load current	17.5 A (with 1.5 mm² conductor cross section)
Nominal current I_N	17.5 A
Nominal voltage U_N	500 V
Number of positions	1

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 mm²
Conductor cross section solid max.	1.5 mm²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	16
Conductor cross section flexible min.	0.25 mm²
Conductor cross section flexible max.	1.5 mm²
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

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Technical data

Standards and Regulations

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
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 / cULus Recognized

Ex Approvals

Approvals submitted

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Approvals

Approval details

CSA

	B	C	D
mm²/AWG/kcmil	24-16	24-16	24-16
Nominal current IN	10 A	10 A	5 A
Nominal voltage UN	300 V	300 V	600 V

UL Recognized

		B	C	D
mm²/AWG/kcmil	24-16	24-16	24-16	24-16
Nominal current IN	10 A	10 A	10 A	5 A
Nominal voltage UN	600 V	300 V	300 V	600 V

cUL Recognized

		B	C	D
mm²/AWG/kcmil	24-12	24-12	24-12	24-12
Nominal current IN	10 A	10 A	10 A	5 A
Nominal voltage UN	600 V	300 V	300 V	600 V

GL

EAC

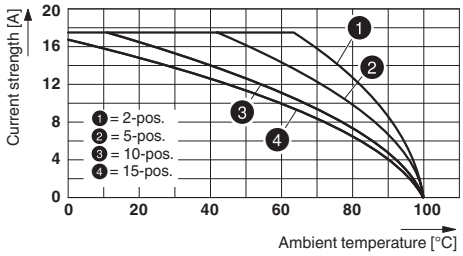
cULus Recognized

Drawings

Plug - QP 1,5/ 1-L - 3051014

Circuit diagram

Diagram



Schematic diagram