

Plug - QP 1,5/ 1-M - 3051043

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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

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

Product Description

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

Product Features

- ✓ The conductor is connected using the familiar IDC connection with no stripping, therefore saving time
- ✓ Tested for railway applications
- ✓ The QT-COMBI plugs for self-assembly provide solutions that users can implement themselves
- ✓ The QP 1,5/... fast connector plug is designed for the connection of solid and stranded conductors

Key commercial data

package_quantity	50
GTIN	4046356082891

Technical data

General

Number of levels	1
Number of connections	1
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0
Area of application	Railway industry
Area of application	Mechanical engineering
Area of application	Plant engineering

General

Maximum load current	17.5 A (with 1.5 mm ² conductor cross section)
Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I

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Technical data

General

Connection in acc. with standard	IEC 61984
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

Connection data

Conductor cross section solid min.	0.25 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	16
Conductor cross section stranded min.	0.25 mm ²
Conductor cross section stranded max.	1.5 mm ²
Min. AWG conductor cross section, stranded	24
Max. AWG conductor cross section, stranded	16
Connection method	Quick connection
Material wire insulation	PVC / PE
Structure of individual litz in acc. with VDE 0295 / smallest wire diameter	VDE 0295 Cl.1-5

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	27141120

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

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classifications

UNSPSC

UNSPSC 11	39121402
UNSPSC 12.01	39121402
UNSPSC 13.2	39121402

approvals

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

Approval details

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

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

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

GL

cULus Recognized 
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accessories

Screwdriver tools

SZF 1-0,6X3,5 - 1204517



Test plug terminal block

RPS - 0201647



MPS-MT - 0201744



PS-5 - 3030983



PS-5/2,3MM RD - 3038723



Insulating sleeve

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accessories

MPS-IH WH - 0201663



MPS-IH RD - 0201676



MPS-IH BU - 0201689



MPS-IH YE - 0201692



MPS-IH GN - 0201702



MPS-IH GY - 0201728



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accessories

MPS-IH BK - 0201731



End cover

DP PS-5 - 3036725



Drawings

Circuit diagram



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Schematic diagram

