

Plug - QP 1,5/ 1-M BU - 3051056

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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: blue

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
- 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)	4.31 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 mm ²
Color	blue
Insulating material	PA

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Technical data

General

Flammability rating according to UL 94	V0
Area of application	Railway industry
	Machine building
	Plant engineering
Maximum load current	17.5 A (with 1.5 mm ² conductor cross section)
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Maximum load current	17.5 A (with 1.5 mm ² conductor cross section)
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
Pitch	5.20 mm

Connection data

Connection method	Quick connection
Connection in acc. with standard	IEC 61984
Conductor cross section solid min.	0.25 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	16
Conductor cross section flexible min.	0.25 mm ²
Conductor cross section flexible max.	1.5 mm ²
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
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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
eCl@ss 9.0	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 / EAC / cULus Recognized

Ex Approvals

Plug - QP 1,5/ 1-M BU - 3051056

Approvals

Approvals submitted

Approval details

CSA 			
	B	C	D
mm ² /AWG/kcmil	24-16	24-16	24-16
Nominal current I _N	10 A	10 A	5 A
Nominal voltage U _N	300 V	300 V	600 V

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

cUL Recognized 				
		B	C	D
mm ² /AWG/kcmil	24-12	24-12	24-12	24-12
Nominal current I _N	10 A	10 A	10 A	5 A
Nominal voltage U _N	600 V	300 V	300 V	600 V

GL

EAC

EAC

cULus Recognized 
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Accessories

Accessories

Insulating sleeve

Insulating sleeve - MPS-IH WH - 0201663



Insulating sleeve, Color: white

Insulating sleeve - MPS-IH RD - 0201676



Insulating sleeve, Color: red

Insulating sleeve - MPS-IH BU - 0201689



Insulating sleeve, Color: blue

Insulating sleeve - MPS-IH YE - 0201692



Insulating sleeve, Color: yellow

Insulating sleeve - MPS-IH GN - 0201702



Insulating sleeve, Color: green

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Accessories

Insulating sleeve - MPS-IH GY - 0201728



Insulating sleeve, Color: gray

Insulating sleeve - MPS-IH BK - 0201731



Insulating sleeve, Color: black

Partition plate

Spacer plate - DP PS-5 - 3036725



Spacer plate, Length: 22.4 mm, Width: 5.2 mm, Height: 29 mm, Number of positions: 1, Color: red

Screwdriver tools

Screwdriver - SZF 1-0,6X3,5 - 1204517



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Test plug terminal block

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Accessories

Reducing plug - RPS - 0201647



Reducing plug, Color: gray

Test plugs - MPS-MT - 0201744



Test plugs, Color: silver

Test plugs - PS-5 - 3030983



Test plugs, Color: red

Test plugs - PS-5/2,3MM RD - 3038723



Test plugs, Color: red

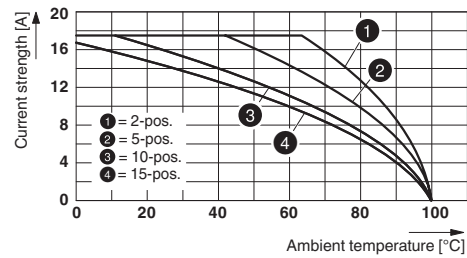
Drawings

Plug - QP 1,5/ 1-M BU - 3051056

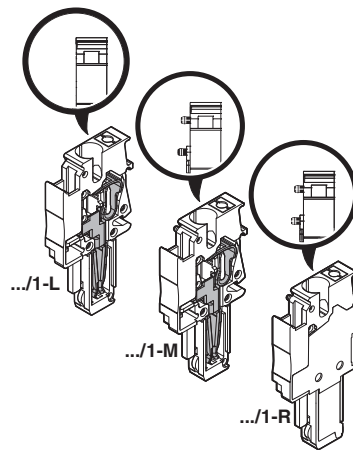
Circuit diagram



Diagram



Schematic diagram



Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

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Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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