

## Connectors - QP 1,5/ 2 - 3051111

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Connectors, Connection method: Quick connection, Number of positions: 2, Cross section: 0.25 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 24 - 16, Width: 10.4 mm, Height: 40 mm, Color: gray

Illustration shows the product version QP 1,5/ 6

### Why buy this product

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



### Key commercial data

Packing unit	1
Minimum order quantity	1
Catalog page	Page 344 (CL1-2011)
GTIN	 4 046356 082952
Custom tariff number	85366990
Country of origin	POLAND

### Technical data

#### Dimensions

Width	10.4 mm
Length	20 mm
Height	40 mm

#### Technical data

Maximum load current	17.5 A (with 1.5 mm <sup>2</sup> conductor cross section)
Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 61984
Nominal current I <sub>N</sub>	17.5 A

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## Technical data

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Nominal voltage $U_N$	500 V
Number of positions	2

### Connection data

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/kcmil min.	24
Conductor cross section AWG/kcmil max.	16
Conductor cross section stranded min.	0.25 mm <sup>2</sup>
Conductor cross section stranded max.	1.5 mm <sup>2</sup>
Min. conductor AWG 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

### ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC001121
ETIM 5.0	EC001121

### UNSPSC

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

### 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

## Approvals

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# Connectors - QP 1,5/ 2 - 3051111

## Approvals

Approvals

CSA / UL Recognized / cUL Recognized / GL / 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 IN	10 A	10 A	5 A
Nominal voltage UN	300 V	300 V	600 V

UL Recognized

	B	C	D
mm <sup>2</sup> /AWG/kcmil	24-16	24-16	24-16
Nominal current IN	10 A	10 A	5 A
Nominal voltage UN	600 V	300 V	300 V

cUL Recognized

	B	C	D
mm <sup>2</sup> /AWG/kcmil	24-12	24-12	24-12
Nominal current IN	10 A	10 A	5 A
Nominal voltage UN	600 V	300 V	300 V

GL

cULus Recognized

## Accessories

Accessories

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### Accessories

#### Plug/Adapter

Reducing plug - RPS - 0201647



Reducing plug, Color: gray

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Test plugs - MPS-MT - 0201744



Test plugs

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Insulating sleeve - MPS-IH WH - 0201663



Insulating sleeve, Color: white

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Insulating sleeve - MPS-IH RD - 0201676



Insulating sleeve, Color: red

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Insulating sleeve - MPS-IH BU - 0201689



Insulating sleeve, Color: blue

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## Connectors - QP 1,5/ 2 - 3051111

### Accessories

Insulating sleeve - MPS-IH YE - 0201692



Insulating sleeve, Color: yellow

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Insulating sleeve - MPS-IH GN - 0201702



Insulating sleeve, Color: green

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Insulating sleeve - MPS-IH GY - 0201728



Insulating sleeve, Color: gray

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Insulating sleeve - MPS-IH BK - 0201731



Insulating sleeve, Color: black

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



Test plugs, Color: red

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Test plugs - PS-6/2,3MM RD - 3038736



Test plugs, Color: red

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### Accessories

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Test adapter - PS-5 - 3030983



Test adapter, Color: red

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Spacer plate - DP PS-5 - 3036725



Spacer plate, Color: red

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### 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

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Test adapter - PS-8/2,3MM RD - 3048564

Test adapter, Color: red

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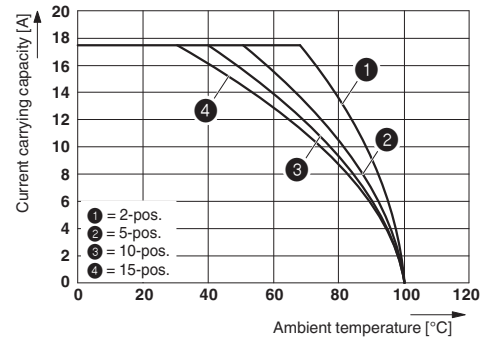
### Drawings

# Connectors - QP 1,5/ 2 - 3051111

Circuit diagram



Diagram



The figure shows the derating curve of the QTC 1,5/ 1P... terminal block in connection with the QP 1,5 connector

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