

## Plug - QP 1,5/ 9 - 3051182

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Plug, Connection method: Quick connection, Number of positions: 9, Cross section: 0.25 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 24 - 16, Width: 46.8 mm, Height: 40 mm, Color: gray

Illustration shows the product version  
QP 1,5/ 6

### Product Features

- ✓ Just like the basic terminal blocks, the plugs also offer the right connection technology for every application
- ✓ Tested for railway applications
- ✓ 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 1       |
| Weight per Piece (excluding packing) | 35.82 GRM |
| Custom tariff number                 | 85366990  |
| Country of origin                    | Poland    |

### 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                                          |
|                                         | Mechanical engineering                                    |
|                                         | Plant engineering                                         |
| Maximum load current                    | 17.5 A (with 1.5 mm <sup>2</sup> conductor cross section) |

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### Technical data

#### General

|                                  |           |
|----------------------------------|-----------|
| 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 $I_N$            | 17.5 A    |
| Nominal voltage $U_N$            | 500 V     |
| Number of positions              | 9         |

#### Dimensions

|        |         |
|--------|---------|
| Width  | 46.8 mm |
| Length | 20 mm   |
| Height | 40 mm   |

#### 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. 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 |

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### Classifications

#### 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 / 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 |

## Plug - QP 1,5/ 9 - 3051182

### Approvals

| 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 |

| 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 |
|----|

|                                                                                                      |
|------------------------------------------------------------------------------------------------------|
| cULus Recognized  |
|------------------------------------------------------------------------------------------------------|

### Accessories

#### Accessories

##### End cover

Spacer plate - DP PS-5 - 3036725



Spacer plate, Color: red

##### Insulating sleeve

## Plug - QP 1,5/ 9 - 3051182

### Accessories

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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Insulating sleeve - MPS-IH YE - 0201692



Insulating sleeve, Color: yellow

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Insulating sleeve - MPS-IH GN - 0201702



Insulating sleeve, Color: green

## Plug - QP 1,5/ 9 - 3051182

### Accessories

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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### 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

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### Test plug terminal block

Reducing plug - RPS - 0201647



Reducing plug, Color: gray

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Test plugs - MPS-MT - 0201744



Test plugs, Color: silver

## Plug - QP 1,5/ 9 - 3051182

### Accessories

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Test adapter - PS-5 - 3030983



Test adapter, Color: red

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



Test plugs, Color: red

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### Drawings

Circuit diagram



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