

## Coupling - SC 4/ 1-L BU - 3042609

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Coupling, Connection method: Spring-cage connection, Number of positions: 1, Cross section: 0.08 mm<sup>2</sup> - 6 mm<sup>2</sup>, AWG: 28 - 10, Width: 6.2 mm, Height: 22.3 mm, Color: blue

The illustration shows various color versions of the article

### Product Features

- ✓ Tested for railway applications
- ✓ The coupling is assembled directly on site by snapping together single-position coupling elements
- ✓ The ST-COMBI couplings for self-assembly provide solutions that users can implement themselves



### Key commercial data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 1      |
| Weight per Piece (excluding packing) | 5.69 GRM |
| Custom tariff number                 | 85366990 |
| Country of origin                    | Poland   |

### Technical data

#### General

|                                         |                                                       |
|-----------------------------------------|-------------------------------------------------------|
| Number of levels                        | 1                                                     |
| Number of connections                   | 2                                                     |
| Color                                   | blue                                                  |
| Insulating material                     | PA                                                    |
| Inflammability class according to UL 94 | V0                                                    |
| Area of application                     | Railway industry                                      |
|                                         | Mechanical engineering                                |
|                                         | Plant engineering                                     |
| Maximum load current                    | 32 A (with 6 mm <sup>2</sup> conductor cross section) |
| Rated surge voltage                     | 8 kV                                                  |

# Coupling - SC 4/ 1-L BU - 3042609

## Technical data

### General

|                                  |           |
|----------------------------------|-----------|
| Pollution degree                 | 3         |
| Surge voltage category           | III       |
| Insulating material group        | I         |
| Connection in acc. with standard | IEC 61984 |
| Nominal current $I_N$            | 32 A      |
| Nominal voltage $U_N$            | 800 V     |
| Open side panel                  | ja        |
| Number of positions              | 1         |

### Dimensions

|        |         |
|--------|---------|
| Width  | 6.2 mm  |
| Length | 48.6 mm |
| Height | 22.3 mm |

### Connection data

|                                                                                         |                        |
|-----------------------------------------------------------------------------------------|------------------------|
| Conductor cross section solid min.                                                      | 0.08 mm <sup>2</sup>   |
| Conductor cross section solid max.                                                      | 6 mm <sup>2</sup>      |
| Conductor cross section AWG/kcmil min.                                                  | 28                     |
| Conductor cross section AWG/kcmil max                                                   | 10                     |
| Conductor cross section stranded min.                                                   | 0.08 mm <sup>2</sup>   |
| Conductor cross section stranded max.                                                   | 4 mm <sup>2</sup>      |
| Min. AWG conductor cross section, stranded                                              | 28                     |
| Max. AWG conductor cross section, stranded                                              | 12                     |
| Conductor cross section stranded, with ferrule without plastic sleeve min.              | 0.14 mm <sup>2</sup>   |
| Conductor cross section stranded, with ferrule without plastic sleeve max.              | 4 mm <sup>2</sup>      |
| Conductor cross section stranded, with ferrule with plastic sleeve min.                 | 0.14 mm <sup>2</sup>   |
| Conductor cross section stranded, with ferrule with plastic sleeve max.                 | 4 mm <sup>2</sup>      |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm <sup>2</sup>    |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1 mm <sup>2</sup>      |
| Connection method                                                                       | Spring-cage connection |
| Stripping length                                                                        | 10 mm                  |
| Internal cylindrical gage                                                               | A4                     |

## Classifications

eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
|------------|----------|

## Coupling - SC 4/ 1-L BU - 3042609

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| 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 | EC000897 |
| ETIM 5.0 | EC000897 |

#### UNSPSC

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

### Approvals

#### Approvals

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##### Approvals

UL Recognized / cUL Recognized / GOST / GOST / cULus Recognized

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##### Ex Approvals

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##### Approvals submitted

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##### Approval details

## Coupling - SC 4/ 1-L BU - 3042609

### Approvals

|                                                                                                 |       |       |
|-------------------------------------------------------------------------------------------------|-------|-------|
| UL Recognized  |       |       |
|                                                                                                 | B     | C     |
| mm²/AWG/kcmil                                                                                   | 28-10 | 28-10 |
| Nominal current I <sub>N</sub>                                                                  | 30 A  | 30 A  |
| Nominal voltage U <sub>N</sub>                                                                  | 600 V | 600 V |

|                                                                                                  |       |       |
|--------------------------------------------------------------------------------------------------|-------|-------|
| cUL Recognized  |       |       |
|                                                                                                  | B     | C     |
| mm²/AWG/kcmil                                                                                    | 28-10 | 28-10 |
| Nominal current I <sub>N</sub>                                                                   | 30 A  | 30 A  |
| Nominal voltage U <sub>N</sub>                                                                   | 600 V | 600 V |

|                                                                                          |  |  |
|------------------------------------------------------------------------------------------|--|--|
| GOST  |  |  |
|------------------------------------------------------------------------------------------|--|--|

|                                                                                          |  |  |
|------------------------------------------------------------------------------------------|--|--|
| GOST  |  |  |
|------------------------------------------------------------------------------------------|--|--|

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

### Accessories

#### Accessories

##### End cover

End cover - D-SC 4 - 3043307



End cover, Length: 48.6 mm, Width: 2.2 mm, Color: gray

## Coupling - SC 4/ 1-L BU - 3042609

### Accessories

#### Insulating sleeve

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

## Coupling - SC 4/ 1-L BU - 3042609

### 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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Insulating sleeve - ISH 4/0,5 - 3002885



Insulating sleeve, Color: gray

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Insulating sleeve - ISH 4/1,0 - 3002898



Insulating sleeve, Color: black

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### Mounting material

Strain relief - CZ/2 - 3043831



Strain relief, Number of positions: 2, Color: black

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## Coupling - SC 4/ 1-L BU - 3042609

### Accessories

#### 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

Test plugs - MPS-MT - 0201744



Test plugs, Color: silver

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### Drawings

Circuit diagram



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- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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