

## Coupling - SC 4/ 9 - 3042528

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Coupling, Connection method: Spring-cage connection, Number of positions: 9, Cross section: 0.08 mm<sup>2</sup> - 6 mm<sup>2</sup>, AWG: 28 - 12, Width: 55.8 mm, Height: 22.3 mm, Color: gray

The illustration shows the 5-position version of the product

### Product Features

- ☒ Standard strain relief can be used
- ☒ Tested for railway applications

### Key commercial data

|                  |               |
|------------------|---------------|
| package_quantity | 25            |
| GTIN             | 4046356012669 |

### Technical data

#### General

|                                         |                        |
|-----------------------------------------|------------------------|
| Number of levels                        | 1                      |
| Number of connections                   | 2                      |
| 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             | 32 A (with 6 mm <sup>2</sup> conductor cross section) |
| Rated surge voltage              | 8 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>   | 32 A                                                  |
| Nominal voltage U <sub>N</sub>   | 800 V                                                 |
| Open side panel                  | ja                                                    |
| Number of positions              | 9                                                     |

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## Technical data

### Dimensions

|        |         |
|--------|---------|
| Width  | 55.8 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                                                   | 12                     |
| 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 |
| 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 |

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## classifications

### UNSPSC

|                      |          |
|----------------------|----------|
| <b>UNSPSC 6.01</b>   | 30211802 |
| <b>UNSPSC 7.0901</b> | 39121402 |
| <b>UNSPSC 11</b>     | 39121402 |
| <b>UNSPSC 12.01</b>  | 39121402 |
| <b>UNSPSC 13.2</b>   | 39121402 |

## approvals

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

### Approval details

| <b>UL Recognized</b>  |       |       |
|--------------------------------------------------------------------------------------------------------|-------|-------|
| Usegroups                                                                                              | B     | C     |
| Nominal voltage UN                                                                                     | 600 V | 600 V |
| Nominal current IN                                                                                     | 30 A  | 30 A  |
| mm²/AWG/kcmil                                                                                          | 28-10 | 28-10 |

| <b>cUL Recognized</b>  |       |       |
|-----------------------------------------------------------------------------------------------------------|-------|-------|
| Usegroups                                                                                                 | B     | C     |
| Nominal voltage UN                                                                                        | 600 V | 600 V |
| Nominal current IN                                                                                        | 30 A  | 30 A  |
| mm²/AWG/kcmil                                                                                             | 28-10 | 28-10 |

|                                                                                                 |
|-------------------------------------------------------------------------------------------------|
| <b>GOST</b>  |
|-------------------------------------------------------------------------------------------------|

|                                                                                     |
|-------------------------------------------------------------------------------------|
|  |
|-------------------------------------------------------------------------------------|

|                                                                                                             |
|-------------------------------------------------------------------------------------------------------------|
| <b>cULus Recognized</b>  |
|-------------------------------------------------------------------------------------------------------------|

## Coupling - SC 4/ 9 - 3042528

accessories

### End cover

D-SC 4 - 3043307



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### Mounting material

CZ/2 - 3043831



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### Screwdriver tools

SZF 1-0,6X3,5 - 1204517



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### Test plug terminal block

MPS-MT - 0201744



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### 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



## Coupling - SC 4/ 9 - 3042528

accessories

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MPS-IH BK - 0201731



ISH 4/0,5 - 3002885



ISH 4/1,0 - 3002898



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### Drawings

Circuit diagram

