

# Coupling - SC 4/ 1-L GNYE - 3042612

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



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: green-yellow

The illustration shows various color versions of the article

## Product Features

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

## Key commercial data

|                  |               |
|------------------|---------------|
| package_quantity | 50            |
| GTIN             | 4046356012751 |

## Technical data

### General

|   |                        |
|---|------------------------|
| Number of levels                        | 1                      |
| Number of connections                   | 2                      |
| Color                                   | green-yellow           |
| 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              | 1   |

# Coupling - SC 4/ 1-L GNYE - 3042612

## Technical data

### 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 |
| 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 |

# Coupling - SC 4/ 1-L GNYE - 3042612

## 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

**UL Recognized**

| Usegroups                  | B     | C     |
|----------------------------|-------|-------|
| Nominal voltage UN         | 600 V | 600 V |
| Nominal current IN         | 30 A  | 30 A  |
| mm <sup>2</sup> /AWG/kcmil | 28-10 | 28-10 |

**cUL Recognized**

| Usegroups                  | B     | C     |
|----------------------------|-------|-------|
| Nominal voltage UN         | 600 V | 600 V |
| Nominal current IN         | 30 A  | 30 A  |
| mm <sup>2</sup> /AWG/kcmil | 28-10 | 28-10 |

**GOST**

**cULus Recognized**

## Coupling - SC 4/ 1-L GNYE - 3042612

accessories

### End cover

D-SC 4 - 3043307



---

### Mounting material

CZ/2 - 3043831



---

### Screwdriver tools

SZF 1-0,6X3,5 - 1204517



---

### Test plug terminal block

MPS-MT - 0201744



---

### Insulating sleeve

# Coupling - SC 4/ 1-L GNYE - 3042612

## 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/ 1-L GNYE - 3042612

accessories

---

MPS-IH BK - 0201731



ISH 4/0,5 - 3002885



ISH 4/1,0 - 3002898



## Drawings

Circuit diagram

