

## Coupling - SC 4/11 - 3042544

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: 11, Cross section: 0.08 mm<sup>2</sup> - 6 mm<sup>2</sup>, AWG: 28 - 12, Width: 68.2 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

|                                      |           |
|--------------------------------------|-----------|
| Packing unit                         | 1 1       |
| Weight per Piece (excluding packing) | 57.99 GRM |
| Custom tariff number                 | 85366990  |
| Country of origin                    | Poland    |

### 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                                      |
|                                         | Mechanical engineering                                |
|                                         | Plant engineering                                     |
| Maximum load current                    | 32 A (with 6 mm <sup>2</sup> conductor cross section) |
| Rated surge voltage                     | 8 kV                                                  |
| Pollution degree                        | 3                                                     |

# Coupling - SC 4/11 - 3042544

## Technical data

### General

|                                  |           |
|----------------------------------|-----------|
| 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              | 11        |

### Dimensions

|        |         |
|--------|---------|
| Width  | 68.2 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.                                                  | 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 |

## Coupling - SC 4/11 - 3042544

### Classifications

#### eCl@ss

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

---

##### Approvals

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

---

##### Ex Approvals

---

##### Approvals submitted

---

##### Approval details

## Coupling - SC 4/11 - 3042544

### 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 4/11 - 3042544

### Accessories

#### Insulating sleeve

Insulating sleeve - MPS-IH WH - 0201663



Insulating sleeve, Color: white

---

Insulating sleeve - MPS-IH RD - 0201676



Insulating sleeve, Color: red

---

Insulating sleeve - MPS-IH BU - 0201689



Insulating sleeve, Color: blue

---

Insulating sleeve - MPS-IH YE - 0201692



Insulating sleeve, Color: yellow

---

Insulating sleeve - MPS-IH GN - 0201702



Insulating sleeve, Color: green

---

## Coupling - SC 4/11 - 3042544

### Accessories

Insulating sleeve - MPS-IH GY - 0201728



Insulating sleeve, Color: gray

---

Insulating sleeve - MPS-IH BK - 0201731



Insulating sleeve, Color: black

---

Insulating sleeve - ISH 4/0,5 - 3002885



Insulating sleeve, Color: gray

---

Insulating sleeve - ISH 4/1,0 - 3002898



Insulating sleeve, Color: black

---

### Mounting material

Strain relief - CZ/2 - 3043831



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

## Coupling - SC 4/11 - 3042544

### 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

---

#### Test plug terminal block

Test plugs - MPS-MT - 0201744



Test plugs, Color: silver

---

### Drawings

Circuit diagram





**Стандарт  
Электрон  
Связь**

Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

Собственная эффективная логистика и склад в обеспечивает надежную поставку продукции в точно указанные сроки по всей России.

Мы осуществляем техническую поддержку нашим клиентам и предпродажную проверку качества продукции. На все поставляемые продукты мы предоставляем гарантию .

Осуществляем поставки продукции под контролем ВП МО РФ на предприятия военно-промышленного комплекса России , а также работаем в рамках 275 ФЗ с открытием отдельных счетов в уполномоченном банке. Система менеджмента качества компании соответствует требованиям ГОСТ ISO 9001.

Минимальные сроки поставки, гибкие цены, неограниченный ассортимент и индивидуальный подход к клиентам являются основой для выстраивания долгосрочного и эффективного сотрудничества с предприятиями радиоэлектронной промышленности, предприятиями ВПК и научно-исследовательскими институтами России.

С нами вы становитесь еще успешнее!

**Наши контакты:**

**Телефон:** +7 812 627 14 35

**Электронная почта:** [sales@st-electron.ru](mailto:sales@st-electron.ru)

**Адрес:** 198099, Санкт-Петербург,  
Промышленная ул, дом № 19, литера Н,  
помещение 100-Н Офис 331