# Coupling - SC 4/ 4 - 3042476

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The illustration shows the 5-position version of the product

Coupling, Connection method: Spring-cage connection, Number of positions: 4, Cross section: 0.08 mm² - 6 mm², AWG: 28 - 12, Width: 24.8 mm, Height: 22.3 mm, Color: gray

## Product Features

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

## Key commercial data

| | |
|---|---|
| **package_quantity** | 50 |
| **GTIN** | 4046356012614 |

## 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 mm² 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 $I_N$** | 32 A |
| **Nominal voltage $U_N$** | 800 V |
| **Open side panel** | ja |
| **Number of positions** | 4 |

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## Technical data

### Dimensions

| | |
|---|---|
| **Width** | 24.8 mm |
| **Length** | 48.6 mm |
| **Height** | 22.3 mm |

### Connection data

| | |
|---|---|
| **Conductor cross section solid min.** | 0.08 mm² |
| **Conductor cross section solid max.** | 6 mm² |
| **Conductor cross section AWG/kcmil min.** | 28 |
| **Conductor cross section AWG/kcmil max** | 12 |
| **Conductor cross section stranded min.** | 0.08 mm² |
| **Conductor cross section stranded max.** | 4 mm² |
| **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 mm² |
| **Conductor cross section stranded, with ferrule without plastic sleeve max.** | 4 mm² |
| **Conductor cross section stranded, with ferrule with plastic sleeve min.** | 0.14 mm² |
| **Conductor cross section stranded, with ferrule with plastic sleeve max.** | 4 mm² |
| **2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.** | 0.5 mm² |
| **2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.** | 1 mm² |
| **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

| | |
|---|---|
| **UNSPSC 6.01** | 30211802 |
| **UNSPSC 7.0901** | 39121402 |
| **UNSPSC 11** | 39121402 |
| **UNSPSC 12.01** | 39121402 |
| **UNSPSC 13.2** | 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 |
| mm²/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 |
| mm²/AWG/kcmil | 28-10 | 28-10 |

**GOST**

**cULus Recognized**

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## 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

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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/ 4 - 3042476

## accessories

MPS-IH BK - 0201731



ISH 4/0,5 - 3002885



ISH 4/1,0 - 3002898



## Drawings

Circuit diagram



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