

## COMBI receptacle - SC 2,5/4 - 3042272

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COMBI receptacle, Connection method: Plug connection, Number of positions: 4, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 20.8 mm, Height: 18.8 mm, Color: gray

The figure shows a 5-pos. version of the product

#### **Product Features**

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



## **Key Commercial Data**

| Packing unit                         | 1 pc     |
|--------------------------------------|----------|
| Weight per Piece (excluding packing) | 11.93 g  |
| Custom tariff number                 | 85366990 |
| Country of origin                    | Poland   |

#### Technical data

#### General

| Number of levels                       | 1   |  |
|--|---|--|
| Number of connections                  | 1   |  |
| Nominal cross section                  | 2.5 mm²                                       |  |
| Color                                  | gray  |  |
| Insulating material                    | PA  |  |
| Flammability rating according to UL 94 | V0  |  |
| Area of application                    | Railway industry                              |  |
|  | Machine building                              |  |
|  | Plant engineering                             |  |
| Maximum load current                   | 24 A (with a 2.5 mm² conductor cross section) |  |
| Rated surge voltage                    | 6 kV  |  |



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## Technical data

### General

| Degree of pollution              | 3   |
|----------------------------------|---|
| Overvoltage category             | III                                       |
| Insulating material group        |   |
| Connection in acc. with standard | IEC 61984                                 |
| Maximum load current             | 24 A (with 4 mm² conductor cross section) |
| Nominal current I <sub>N</sub>   | 24 A                                      |
| Nominal voltage U <sub>N</sub>   | 500 V                                     |
| Open side panel                  | Yes                                       |

### Dimensions

| Width           | 20.8 mm |
|-----------------|---------|
| End cover width | 2.2 mm  |
| Length          | 37.2 mm |
| Height          | 18.8 mm |

### Connection data

| Connection method   | Plug connection   |
|---|-------------------|
| Connection in acc. with standard  | IEC 61984         |
| Conductor cross section solid min.  | 0.08 mm²          |
| Conductor cross section solid max.  | 4 mm <sup>2</sup> |
| Conductor cross section AWG min.  | 28                |
| Conductor cross section AWG max.  | 12                |
| Conductor cross section flexible min.   | 0.08 mm²          |
| Conductor cross section flexible max.   | 2.5 mm²           |
| Min. AWG conductor cross section, flexible  | 28                |
| Max. AWG conductor cross section, flexible  | 14                |
| Conductor cross section flexible, with ferrule without plastic sleeve min.              | 0.14 mm²          |
| Conductor cross section flexible, with ferrule without plastic sleeve max.              | 2.5 mm²           |
| Conductor cross section flexible, with ferrule with plastic sleeve min.                 | 0.14 mm²          |
| Conductor cross section flexible, with ferrule with plastic sleeve max.                 | 2.5 mm²           |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 0.5 mm²           |
| Stripping length  | 8 mm 10 mm        |
| Internal cylindrical gage   | A3                |

## Standards and Regulations

| Connection in acc. with standard | CUL       |
|----------------------------------|-----------|
|                                  | IEC 61984 |



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## Technical data

## Standards and Regulations

| Flammability rating according to UL 94 | V0 |
|--|----|
|--|----|

## 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 | 27141151 |

#### **ETIM**

| ETIM 2.0 | EC000897 |
|----------|----------|
| ETIM 3.0 | EC000897 |
| ETIM 4.0 | EC000897 |
| ETIM 5.0 | EC002021 |

### **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 / LR / GL / BV / RS / EAC / EAC / cULus Recognized

Ex Approvals

Approvals submitted



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## Approvals

| Αn | proval | deta | ils  |
|----|--------|------|------|
| Αþ | piovai | uela | 1112 |

| UL Recognized <b>\$1</b> |       |       |  |
|--------------------------|-------|-------|--|
|                          | В     | С     |  |
| mm²/AWG/kcmil            | 26-12 | 26-12 |  |
| Nominal current IN       | 20 A  | 20 A  |  |
| Nominal voltage UN       | 300 V | 300 V |  |

| cUL Recognized     |       |       |  |  |  |
|--------------------|-------|-------|--|--|--|
|                    | В     | С     |  |  |  |
| mm²/AWG/kcmil      | 26-12 | 26-12 |  |  |  |
| Nominal current IN | 20 A  | 20 A  |  |  |  |
| Nominal voltage UN | 300 V | 300 V |  |  |  |

| LR |  |  |
|----|--|--|
|    |  |  |

GL

BV

RS

EAC

EAC

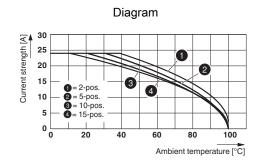
cULus Recognized C S Us

Drawings



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