

# Coupling - SC 2,5/12 - 3042324

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Coupling, Connection method: Plug connection, Number of positions: 12, Cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, Width: 62.4 mm, Height: 18.8 mm, Color: gray

The illustration shows a 6-position version

## Product Features

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

## Key commercial data

<b>package_quantity</b>	10
<b>GTIN</b>	4017918922597

## Technical data

### General

<b>Number of levels</b>	1
<b>Number of connections</b>	1
<b>Color</b>	gray
<b>Insulating material</b>	PA
<b>Inflammability class according to UL 94</b>	V0
<b>Area of application</b>	Railway industry
<b>Area of application</b>	Mechanical engineering
<b>Area of application</b>	Plant engineering

### General

<b>Maximum load current</b>	24 A (with 2.5 mm <sup>2</sup> conductor cross section)
<b>Rated surge voltage</b>	6 kV
<b>Pollution degree</b>	3
<b>Surge voltage category</b>	III
<b>Insulating material group</b>	I
<b>Connection in acc. with standard</b>	IEC 61984
<b>Nominal current I<sub>N</sub></b>	24 A
<b>Nominal voltage U<sub>N</sub></b>	500 V
<b>Open side panel</b>	ja
<b>Number of positions</b>	12

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## Technical data

### Dimensions

<b>Width</b>	62.4 mm
<b>Length</b>	37.2 mm
<b>Height</b>	18.8 mm

### Connection data

<b>Conductor cross section solid min.</b>	0.08 mm <sup>2</sup>
<b>Conductor cross section solid max.</b>	4 mm <sup>2</sup>
<b>Conductor cross section AWG/kcmil min.</b>	28
<b>Conductor cross section AWG/kcmil max</b>	12
<b>Conductor cross section stranded min.</b>	0.08 mm <sup>2</sup>
<b>Conductor cross section stranded max.</b>	2.5 mm <sup>2</sup>
<b>Min. AWG conductor cross section, stranded</b>	28
<b>Max. AWG conductor cross section, stranded</b>	14
<b>Conductor cross section stranded, with ferrule without plastic sleeve min.</b>	0.14 mm <sup>2</sup>
<b>Conductor cross section stranded, with ferrule without plastic sleeve max.</b>	2.5 mm <sup>2</sup>
<b>Conductor cross section stranded, with ferrule with plastic sleeve min.</b>	0.14 mm <sup>2</sup>
<b>Conductor cross section stranded, with ferrule with plastic sleeve max.</b>	2.5 mm <sup>2</sup>
<b>2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.</b>	0.5 mm <sup>2</sup>
<b>Connection method</b>	Plug connection
<b>Stripping length</b>	10 mm
<b>Internal cylindrical gage</b>	A3

## classifications

### eCl@ss

<b>eCl@ss 4.0</b>	272607xx
<b>eCl@ss 4.1</b>	27260701
<b>eCl@ss 5.0</b>	27260701
<b>eCl@ss 5.1</b>	27260701
<b>eCl@ss 6.0</b>	27141120
<b>eCl@ss 7.0</b>	27141120
<b>eCl@ss 8.0</b>	27141120

### ETIM

<b>ETIM 2.0</b>	EC000897
<b>ETIM 3.0</b>	EC000897
<b>ETIM 4.0</b>	EC000897
<b>ETIM 5.0</b>	EC000897

### UNSPSC

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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 / LR / GL / BV / DNV / RS / GOST / cULus Recognized /

### Approval details

<b>UL Recognized</b> 		
Usegroups	B	C
Nominal voltage UN	300 V	300 V
Nominal current IN	20 A	20 A
mm <sup>2</sup> /AWG/kcmil	26-12	26-12

<b>cUL Recognized</b> 		
Usegroups	B	C
Nominal voltage UN	300 V	300 V
Nominal current IN	20 A	20 A
mm <sup>2</sup> /AWG/kcmil	26-12	26-12

<b>GOST</b> 
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LR
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GL
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BV
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DNV
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RS
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# Coupling - SC 2,5/12 - 3042324

approvals



accessories

## End cover

D-SC 2,5 - 3042243



DP PS-5 - 3036725



## Mounting material

PDZ/2 - 3040562



PDZ/4 - 3040575



## Coupling - SC 2,5/12 - 3042324

accessories

### Marker pen

B-STIFT - 1051993



X-PEN 0,35 - 0811228



### Terminal marking

ZBF 5:UNBEDRUCKT - 0808642



UC-TMF 5 - 0818153



UCT-TMF 5 - 0828744



### Labeled terminal marker

## Coupling - SC 2,5/12 - 3042324

accessories

ZBF 5 CUS - 0825025



UC-TMF 5 CUS - 0824638



UCT-TMF 5 CUS - 0829658



### **Test plug terminal block**

MPS-MT - 0201744



PS-5 - 3030983



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accessories

PS-5/2,3MM RD - 3038723



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## Insulating sleeve

MPS-IH WH - 0201663



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MPS-IH RD - 0201676



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MPS-IH BU - 0201689



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MPS-IH YE - 0201692



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## accessories

MPS-IH GN - 0201702



MPS-IH GY - 0201728



MPS-IH BK - 0201731



ISH 2,5/0,2 - 3002843



ISH 2,5/0,5 - 3002856



ISH 2,5/1,0 - 3002869





# Coupling - SC 2,5/12 - 3042324

accessories

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Drawings

Circuit diagram



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