

## Plug - SP 4/15 - 3043734

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Plug, Connection method: Spring-cage connection, Number of positions: 15, Cross section: 0.08 mm<sup>2</sup> - 6 mm<sup>2</sup>, AWG: 28 - 10, Width: 93 mm, Height: 41.5 mm, Color: gray

The illustration shows the 6-position version

### Product Features

- Large-surface labeling option
- Practical coding option
- Tested for railway applications



### Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	64.5 g
Custom tariff number	85366990
Country of origin	Poland

### Technical data

#### General

Number of levels	1
Number of connections	15
Nominal cross section	4 mm <sup>2</sup>
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Area of application	Railway industry Machine building Plant engineering
Maximum load current	32 A (with 6 mm <sup>2</sup> conductor cross section)

# Plug - SP 4/15 - 3043734

## Technical data

### General

Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Maximum load current	32 A (with 6 mm <sup>2</sup> conductor cross section)
Nominal current I <sub>N</sub>	32 A
Nominal voltage U <sub>N</sub>	800 V
Open side panel	No

### Dimensions

Width	93 mm
Length	21 mm
Height	41.5 mm
	24.00 mm
Pitch	6.20 mm

### Connection data

Connection method	Spring-cage connection
Connection in acc. with standard	IEC 61984
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 min.	28
Conductor cross section AWG max.	10
Conductor cross section flexible min.	0.08 mm <sup>2</sup>
Conductor cross section flexible max.	4 mm <sup>2</sup>
Min. AWG conductor cross section, flexible	28
Max. AWG conductor cross section, flexible	10
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section flexible, 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>
Stripping length	8 mm ... 10 mm
Internal cylindrical gage	A4
Connection method	Plug connection

# Plug - SP 4/15 - 3043734

## Technical data

### Standards and Regulations

Connection in acc. with standard	CSA
	IEC 61984
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	27141151
eCl@ss 7.0	27141151
eCl@ss 8.0	27141151
eCl@ss 9.0	27141151

### ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC002021
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

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#### Approvals

CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECCE CB Scheme / EAC / cULus Recognized

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#### Ex Approvals

# Plug - SP 4/15 - 3043734

## Approvals

Approvals submitted

### Approval details

CSA		
	B	C
mm <sup>2</sup> /AWG/kcmil	24-12	24-12
Nominal current I <sub>N</sub>	30 A	30 A
Nominal voltage U <sub>N</sub>	600 V	600 V


UL Recognized		
	B	C
mm <sup>2</sup> /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

VDE Gutachten mit Fertigungsüberwachung	
mm <sup>2</sup> /AWG/kcmil	0.2-6
Nominal voltage U <sub>N</sub>	800 V


cUL Recognized		
	B	C
mm <sup>2</sup> /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

# Plug - SP 4/15 - 3043734

## Approvals

IECEE CB Scheme 	
mm <sup>2</sup> /AWG/kcmil	0.2-6
Nominal voltage UN	800 V

EAC

cULus Recognized 

## Accessories

### Accessories

#### Insulating sleeve

Insulating sleeve - ISH 4/0,5 - 3002885



Insulating sleeve, Color: gray

Insulating sleeve - ISH 4/1,0 - 3002898



Insulating sleeve, Color: black

#### Mounting material

## Plug - SP 4/15 - 3043734

### Accessories

Latching - PR - 3040559



Latching, Number of positions: 1, Color: orange

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Latching - PR/2 - 3040630



Latching, Number of positions: 2, Color: orange

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Latching - PRT/2 - 3040631



Latching, can only be released using a screwdriver, Number of positions: 2, Color: orange

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Latching - PRZ - 3040614



Latching, Length: 3 mm, Width: 5.2 mm, Number of positions: 2, Color: orange

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### Screwdriver tools

Screwdriver - ST-BW - 1207608



Actuation tool, for all 2.5 mm<sup>2</sup> - 4.0 mm<sup>2</sup> spring-cages

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## Plug - SP 4/15 - 3043734

### Accessories

#### Shield connection

Shield connection clip - PSH 3-6 - 3040591



Shield connection clip, Color: black

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Shield connection clip - PSH 5-10 - 3040601



Shield connection clip, Color: black

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#### Strain relief

Strain relief - PZ/2 - 3040627



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

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Strain relief - PZ/4 - 3040643



Strain relief, Number of positions: 4, Color: black

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### Drawings

#### Diagram

Derating  
curve  
for

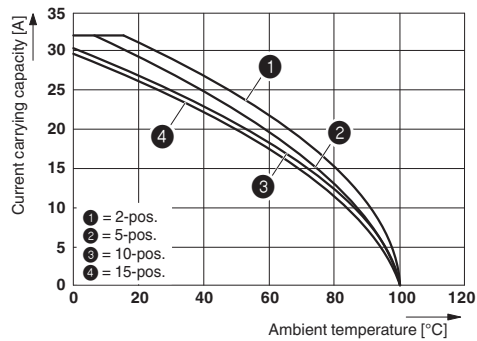
# Plug - SP 4/15 - 3043734

Spring-  
44ge  
117minals  
51d  
401P..  
aid  
51ig  
448ions  
51h..  
all  
plug  
versions  
SP  
4/...  
The  
derating  
curves  
are  
determined  
by  
multiplying  
the  
values  
of  
the  
base  
curves  
by  
the  
factor  
0.8.

Circuit diagram



Diagram

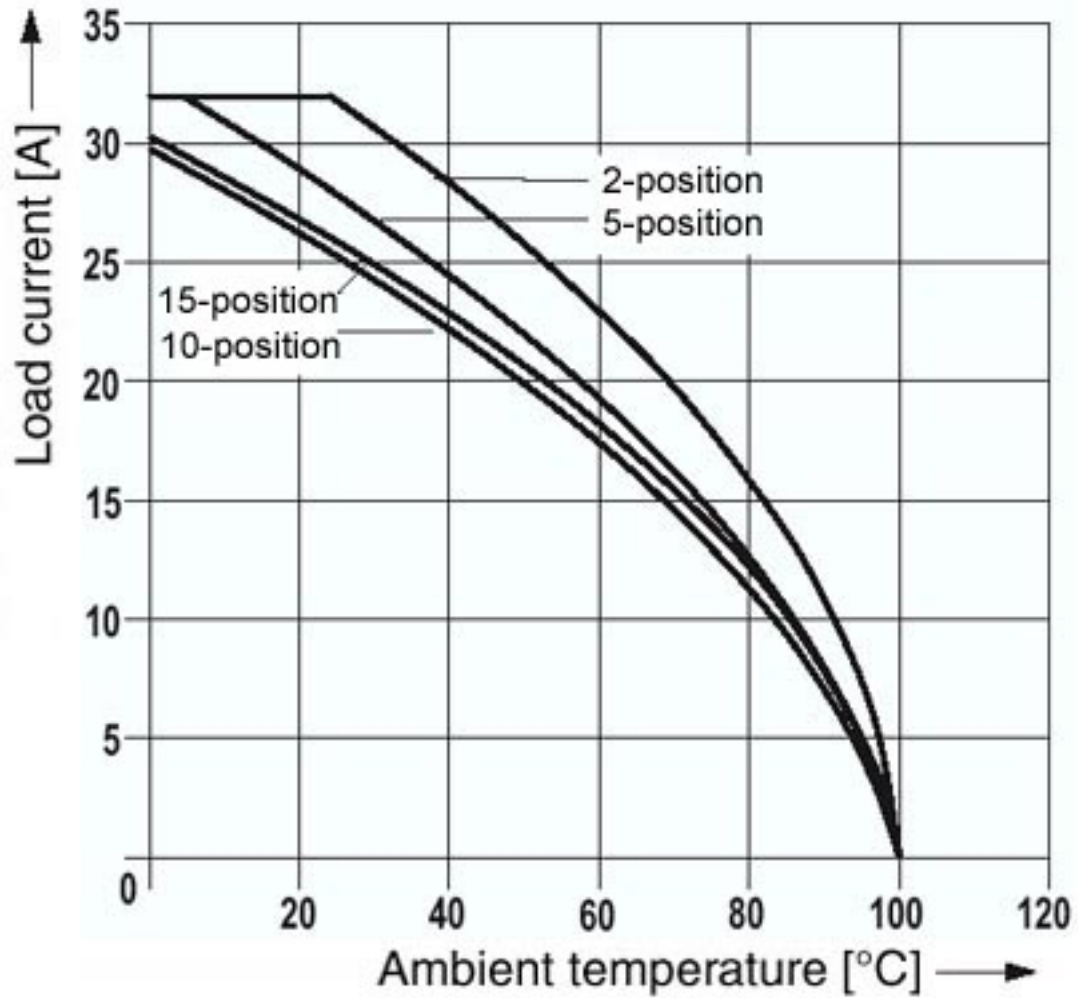


The figure shows the derating curve of the ST 4... terminal block in connection with the SP 4 plug



# Plug - SP 4/15 - 3043734

Diagram



Derating curve for the spring-cage terminal with all plug versions SP 4/...

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