

Plug - SP 4/13 - 3043718

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Plug, Connection method: Spring-cage connection, Number of positions: 13, Cross section: 0.08 mm² - 6 mm², AWG: 28 - 10, Width: 80.6 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) | 55.04 g |
| Custom tariff number | 85366990 |
| Country of origin | Poland |

Technical data

General

| | |
|--|---|
| Number of levels | 1 |
| Number of connections | 13 |
| Nominal cross section | 4 mm ² |
| 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 ² conductor cross section) |

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Technical data

General

| | |
|----------------------------------|---|
| Rated surge voltage | 8 kV |
| Degree of pollution | 3 |
| Overvoltage category | III |
| Insulating material group | I |
| Connection in acc. with standard | IEC 61984 |
| Maximum load current | 32 A (with 6 mm ² conductor cross section) |
| Nominal current I _N | 32 A |
| Nominal voltage U _N | 800 V |
| Open side panel | No |

Dimensions

| | |
|--------|----------|
| Width | 80.6 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 ² |
| Conductor cross section solid max. | 6 mm ² |
| Conductor cross section AWG min. | 28 |
| Conductor cross section AWG max. | 10 |
| Conductor cross section flexible min. | 0.08 mm ² |
| Conductor cross section flexible max. | 4 mm ² |
| 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 ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 4 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.14 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 4 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1 mm ² |
| Stripping length | 8 mm ... 10 mm |
| Internal cylindrical gage | A4 |
| Connection method | Plug connection |

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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 |

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

Approvals

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


Ex Approvals


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Approvals


Approvals submitted

Approval details

| CSA  | | |
|---|-------|-------|
| | B | C |
| mm²/AWG/kcmil | 24-12 | 24-12 |
| Nominal current I _N | 30 A | 30 A |
| Nominal voltage U _N | 600 V | 600 V |


| UL Recognized  | | |
|---|-------|-------|
| | B | C |
| mm²/AWG/kcmil | 28-10 | 28-10 |
| Nominal current I _N | 30 A | 30 A |
| Nominal voltage U _N | 600 V | 600 V |

| VDE Gutachten mit Fertigungsüberwachung  | |
|---|-------|
| | |
| mm²/AWG/kcmil | 0.2-6 |
| Nominal voltage U _N | 800 V |


| cUL Recognized  | | |
|--|-------|-------|
| | B | C |
| mm²/AWG/kcmil | 28-10 | 28-10 |
| Nominal current I _N | 30 A | 30 A |
| Nominal voltage U _N | 600 V | 600 V |

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Approvals

| | |
|---|-------|
| IECEE CB Scheme  | |
| mm²/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

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Accessories

Latching - PR - 3040559



Latching, Number of positions: 1, Color: orange

Latching - PR/2 - 3040630



Latching, Number of positions: 2, Color: orange

Latching - PRT/2 - 3040631



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

Latching - PRZ - 3040614



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

Screwdriver tools

Screwdriver - ST-BW - 1207608



Actuation tool, for all 2.5 mm² - 4.0 mm² spring-cages

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Accessories

Shield connection

Shield connection clip - PSH 3- 6 - 3040591



Shield connection clip, Color: black

Shield connection clip - PSH 5-10 - 3040601



Shield connection clip, Color: black

Strain relief

Strain relief - PZ/2 - 3040627



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

Strain relief - PZ/4 - 3040643



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

Drawings

Diagram

Derating
curve
for

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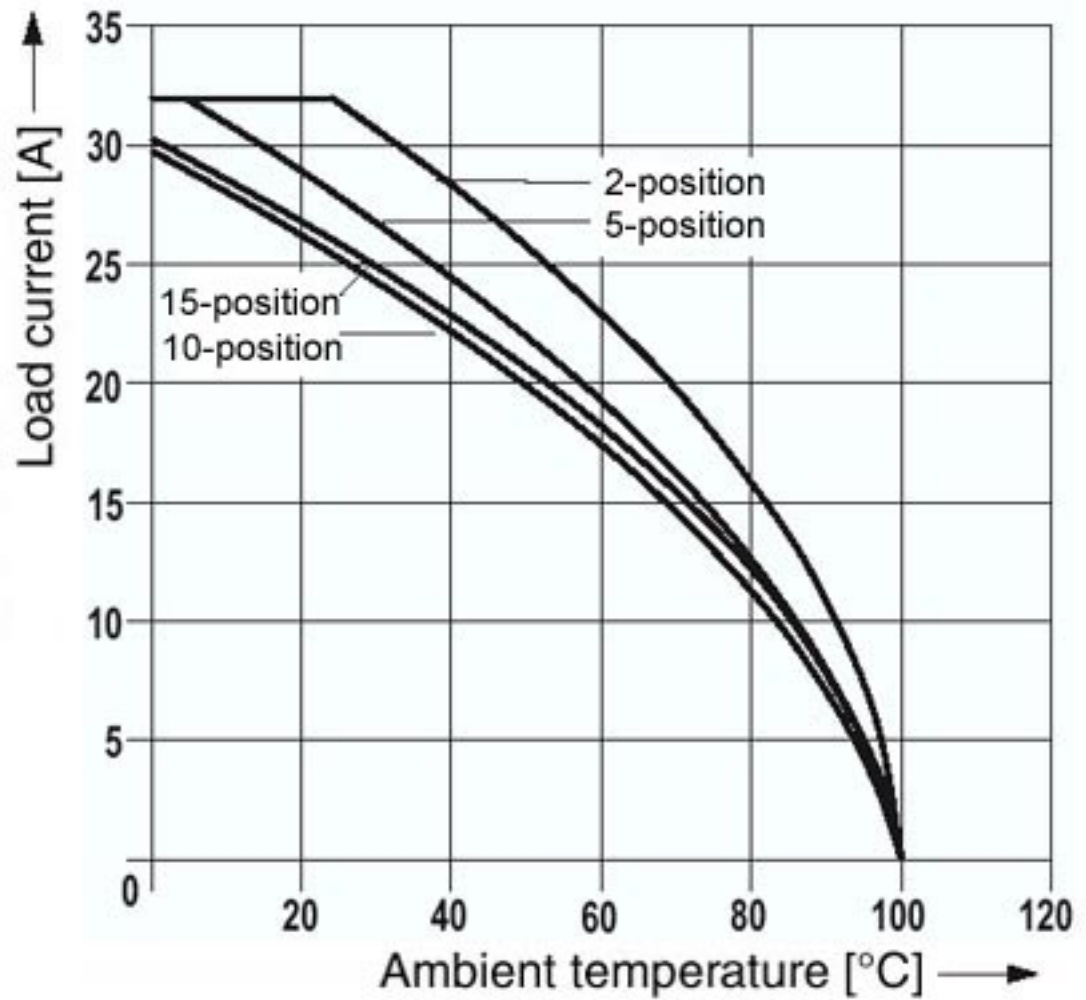
Spring-
44ge
167minals
5td
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all
plug
versions
SP
4/...
The
derating
curves
are
determined
by
multiplying
the
values
of
the
base
curves
by
the
factor
0.8.

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Circuit
diagram



Diagram



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

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