

Plug - SPB 2,5/15 - 3040245

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Plug, Connection method: Spring-cage connection, Plug connection, Number of connections: 15, Number of positions: 15, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 78 mm, Height: 39 mm, Color: gray

The illustration shows a 6-position version

Why buy this product

- Plug with bridging option, for use with basic terminal blocks



Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 10 STK |
| GTIN |  4 017918 833077 |
| GTIN | 4017918833077 |
| Weight per Piece (excluding packing) | 49.730 g |
| Custom tariff number | 85366990 |
| Country of origin | Poland |

Technical data

General

| | |
|--|---|
| Number of positions | 15 |
| Number of levels | 1 |
| Number of connections | 15 |
| Potentials | 15 |
| Nominal cross section | 2.5 mm ² |
| Color | gray |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Maximum load current | 24 A (with a 2.5 mm ² conductor cross section) |
| Rated surge voltage | 6 kV |
| Degree of pollution | 3 |

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Technical data

General

| | |
|---|---|
| Overvoltage category | III |
| Insulating material group | I |
| Maximum power dissipation for nominal condition | 0.77 W |
| Maximum load current | 24 A (with 4 mm ² conductor cross section) |
| Nominal current I _N | 24 A |
| Nominal voltage U _N | 500 V |
| Open side panel | No |
| Relative insulation material temperature index (Elec., UL 746 B) | 130 °C |
| Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) | 130 °C |
| Static insulating material application in cold | -60 °C |
| Behavior in fire for rail vehicles (DIN 5510-2) | Test passed |
| Flame test method (DIN EN 60695-11-10) | V0 |
| Oxygen index (DIN EN ISO 4589-2) | >32 % |
| NF F16-101, NF F10-102 Class I | 2 |
| NF F16-101, NF F10-102 Class F | 2 |
| Surface flammability NFPA 130 (ASTM E 162) | passed |
| Specific optical density of smoke NFPA 130 (ASTM E 662) | passed |
| Smoke gas toxicity NFPA 130 (SMP 800C) | passed |
| Calorimetric heat release NFPA 130 (ASTM E 1354) | 28 MJ/kg |
| Fire protection for rail vehicles (DIN EN 45545-2) R22 | HL 1 - HL 3 |
| Fire protection for rail vehicles (DIN EN 45545-2) R23 | HL 1 - HL 3 |
| Fire protection for rail vehicles (DIN EN 45545-2) R24 | HL 1 - HL 3 |
| Fire protection for rail vehicles (DIN EN 45545-2) R26 | HL 1 - HL 3 |

Dimensions

| | |
|--------|--------|
| Width | 78 mm |
| Length | 20 mm |
| Height | 39 mm |
| | 24 mm |
| Pitch | 5.2 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. | 4 mm ² |
| Conductor cross section AWG min. | 28 |
| Conductor cross section AWG max. | 12 |
| Conductor cross section flexible min. | 0.08 mm ² |
| Conductor cross section flexible max. | 2.5 mm ² |
| Min. AWG conductor cross section, flexible | 28 |

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Technical data

Connection data

| | |
|---|----------------------|
| Max. AWG conductor cross section, flexible | 14 |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.14 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 2.5 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. | 2.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 0.5 mm ² |
| Stripping length | 8 mm ... 10 mm |
| Internal cylindrical gage | A3 |
| Connection method | Plug connection |

Standards and Regulations

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|--|-----------|
| Connection in acc. with standard | CSA |
| | IEC 61984 |
| Flammability rating according to UL 94 | V0 |

Environmental Product Compliance

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|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

Drawings

Circuit diagram



Approvals

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / LR / BV / RS / EAC / DNV GL / DNV GL / cULus Recognized

Ex Approvals

Approval details

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Approvals

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|----------------------------|-------|---|-------|
| CSA | | http://www.csagroup.org/services/testing-and-certification/certified-product-listing/ | 13631 |
| | B | C | |
| mm ² /AWG/kcmil | 24-12 | 24-12 | |
| Nominal current IN | 20 A | 20 A | |
| Nominal voltage UN | 300 V | 300 V | |

| | | | |
|----------------------------|-------|---|--------------|
| UL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 60425 |
| | B | C | D |
| mm ² /AWG/kcmil | 28-12 | 28-12 | 28-12 |
| Nominal current IN | 20 A | 20 A | 5 A |
| Nominal voltage UN | 300 V | 300 V | 600 V |

| | | | |
|----------------------------|-------|---|--------------|
| cUL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 60425 |
| | B | C | D |
| mm ² /AWG/kcmil | 28-12 | 28-12 | 28-12 |
| Nominal current IN | 20 A | 20 A | 5 A |
| Nominal voltage UN | 300 V | 300 V | 600 V |

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|----|--|---|----------|
| LR | | http://www.lr.org/en | 05/20042 |
|----|--|---|----------|

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| BV | | http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials | 27721/A0 BV |
|----|--|---|-------------|

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| RS | | http://www.rs-head.spb.ru/en/index.php | 11.04057.250 |
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| EAC | | | 7500651.22.01.00246 |
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| DNV GL | | https://www.dnvgl.com/ | E-13345 (E-9232) |
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Approvals

| | | |
|--------|---|------------|
| DNV GL | http://exchange.dnv.com/tari/ | TAE00001CS |
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| cULus Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm |
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