

COMBI receptacle - PPC 1,5/S/ 5 - 3213412

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COMBI receptacle, Connection method: Push-in connection, Number of connections: 1, Number of positions: 5, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, Width: 17.5 mm, Height: 17.8 mm, Color: gray

The figure shows a similar product

Why buy this product

- For secure and space-saving accommodation of plug-in contacts in cable ducts and distributor shafts
- The Push-in technology COMBI couplings for self-assembly provide solutions that users can implement themselves
- Tested for railway applications



Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 50 STK |
| Minimum order quantity | 50 STK |
| GTIN |  4 046356 564632 |
| GTIN | 4046356564632 |
| Weight per Piece (excluding packing) | 7.300 g |
| Custom tariff number | 85366990 |
| Country of origin | Poland |

Technical data

General

| | |
|--|---------------------|
| Number of positions | 5 |
| Number of levels | 1 |
| Number of connections | 1 |
| Potentials | 5 |
| Nominal cross section | 1.5 mm ² |
| Color | gray |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Area of application | Railway industry |

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Technical data

General

| | |
|---|---|
| | Machine building |
| | Plant engineering |
| Maximum load current | 13.5 A (with 1.5 mm ² conductor cross section) |
| Rated surge voltage | 6 kV |
| Degree of pollution | 3 |
| Overvoltage category | III |
| Insulating material group | I |
| Maximum power dissipation for nominal condition | 0.56 W |
| Maximum load current | 17.5 A (with 1.5 mm ² conductor cross section) |
| Nominal current I _N | 17.5 A |
| Nominal voltage U _N | 500 V |
| Open side panel | Yes |
| Insertion/withdrawal cycles mechanical | 100 |
| Result of surge voltage test | Test passed |
| Surge voltage test setpoint | 7.3 kV |
| Short circuit stability result | Test passed |
| Conductor cross section short circuit testing | 1.5 mm ² |
| Short-time current | 0.18 kA |
| Result of thermal test | Test passed |
| Proof of thermal characteristics (needle flame) effective duration | 30 s |
| 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 | 17.5 mm |
| End cover width | 2.2 mm |

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Technical data

Dimensions

| | |
|--------|---------|
| Length | 27 mm |
| Height | 17.8 mm |
| Pitch | 3.5 mm |

Connection data

| | |
|--|----------------------|
| Connection method | Push-in connection |
| Connection in acc. with standard | IEC 61984 |
| Conductor cross section solid min. | 0.14 mm ² |
| Conductor cross section solid max. | 1.5 mm ² |
| Conductor cross section AWG min. | 26 |
| Conductor cross section AWG max. | 14 |
| Conductor cross section flexible min. | 0.14 mm ² |
| Conductor cross section flexible max. | 1.5 mm ² |
| Min. AWG conductor cross section, flexible | 26 |
| 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. | 1.5 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. | 1 mm ² |
| Stripping length | 8 mm ... 10 mm |
| Internal cylindrical gage | A1 / B1 |

Standards and Regulations

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

Environmental Product Compliance

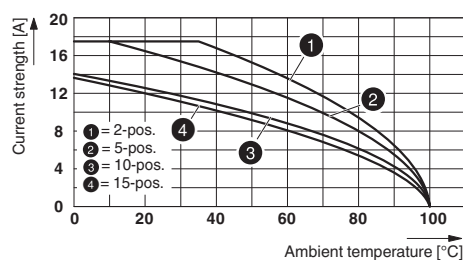
| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

Drawings

Circuit diagram



Diagram



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Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / LR / CSA / GL / EAC / BV / NK / cULus Recognized

Ex Approvals

Approval details

| | | | |
|----------------------------|-------|---|--------------|
| UL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 60425 |
| | B | C | D |
| mm ² /AWG/kcmil | 26-14 | 26-14 | 26-14 |
| Nominal current IN | 15 A | 15 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 | 26-14 | 26-14 | 26-14 |
| Nominal current IN | 15 A | 15 A | 5 A |
| Nominal voltage UN | 300 V | 300 V | 600 V |

| | | | |
|----|--|---|---------------|
| LR | | http://www.lr.org/en | 12/20038 (E2) |
|----|--|---|---------------|

| | | | |
|----------------------------|-------|---|-------|
| CSA | | http://www.csagroup.org/services/testing-and-certification/certified-product-listing/ | 13631 |
| | B | C | D |
| mm ² /AWG/kcmil | 26-14 | 26-14 | 26-14 |
| Nominal current IN | 15 A | 15 A | 5 A |
| Nominal voltage UN | 300 V | 300 V | 600 V |

| | | | |
|----|--|---|------------|
| GL | | http://exchange.dnv.com/tari/ | 2040111 HH |
|----|--|---|------------|

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Approvals

| | | | |
|------------------|---|---|---------------------|
| EAC |  | | 7500651.22.01.00246 |
| BV |  | http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials | 39979/A0 BV |
| NK |  | http://www.classnk.or.jp/hp/en/ | 14ME0912 |
| cULus Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | |