

COMBI receptacle - PPC 1,5/S-NS/7 - 3213439

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COMBI receptacle, Connection method: Push-in connection, Number of positions: 7, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, Width: 24.5 mm, Height: 27.1 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 | 1 STK |
| Minimum order quantity | 25 STK |
| Custom tariff number | 85366990 |
| Country of origin | Poland |

Technical data

Environmental Product Compliance

| | |
|------------|--|
| China RoHS | No hazardous substances above threshold values |
|------------|--|

General

| | |
|-----------------------|---------------------|
| Number of positions | 7 |
| Number of levels | 1 |
| Number of connections | 1 |
| Potentials | 7 |
| Nominal cross section | 1.5 mm ² |
| Color | gray |
| Insulating material | PA |

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Technical data

General

| | |
|---|---|
| Flammability rating according to UL 94 | V0 |
| Area of application | Railway industry |
| | Machine building |
| | Plant engineering |
| Maximum load current | 17.5 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 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 |
| 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 | 24.5 mm |
| End cover width | 2.2 mm |
| Length | 43 mm |
| Height | 27.1 mm |
| Height NS 35/7,5 | 28.3 mm |
| Height NS 35/15 | 35.8 mm |
| Height NS 15 | 28.3 mm |

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Technical data

Dimensions

| | |
|--------|---------|
| Height | 20.8 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 |
| Internal cylindrical gage | A1 / B1 |

Standards and Regulations

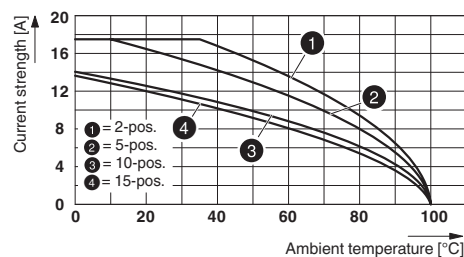
| | |
|--|-----------|
| Connection in acc. with standard | IEC 61984 |
| Flammability rating according to UL 94 | V0 |

Drawings

Circuit diagram



Diagram



COMBI receptacle - PPC 1,5/S-NS/7 - 3213439

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 | 27141106 |
| eCl@ss 9.0 | 27141106 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC000897 |
| ETIM 4.0 | EC002021 |
| ETIM 5.0 | EC001284 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211802 |
| UNSPSC 7.0901 | 39121402 |
| UNSPSC 11 | 39121402 |
| UNSPSC 12.01 | 39121402 |
| UNSPSC 13.2 | 39121402 |

Accessories

Accessories

Cable housing

Cable housing - PH 1,5/S/3 - 3212756



Cable housing, Pitch: 10.5 mm, Length: 19.9 mm, Width: 10.5 mm, Height: 36.8 mm, Number of positions: 3, Color: gray

Cable housing - PH 1,5/S/4 - 3212769



Cable housing, Pitch: 14 mm, Length: 19.9 mm, Width: 14 mm, Height: 36.8 mm, Number of positions: 4, Color: gray

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Accessories

Cable housing - PH 1,5/S/5 - 3212772



Cable housing, Pitch: 17.5 mm, Length: 19.9 mm, Width: 17.5 mm, Height: 36.8 mm, Number of positions: 5, Color: gray

Cable housing - PH 1,5/S/6 - 3212785



Cable housing, Pitch: 21 mm, Length: 19.9 mm, Width: 21 mm, Height: 36.8 mm, Number of positions: 6, Color: gray

Cable housing - PH 1,5/S/7 - 3212798



Cable housing, Pitch: 24.5 mm, Length: 19.9 mm, Width: 24.5 mm, Height: 36.8 mm, Number of positions: 7, Color: gray

Cable housing - PH 1,5/S/8 - 3212808



Cable housing, Pitch: 28 mm, Length: 19.9 mm, Width: 28 mm, Height: 36.8 mm, Number of positions: 8, Color: gray

Cable housing - PH 1,5/S/9 - 3212811



Cable housing, Pitch: 31.5 mm, Length: 19.9 mm, Width: 31.5 mm, Height: 36.8 mm, Number of positions: 9, Color: gray

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Accessories

Cable housing - PH 1,5/S/10 - 3212824



Cable housing, Pitch: 35 mm, Length: 19.9 mm, Width: 35 mm, Height: 36.8 mm, Number of positions: 10, Color: gray

Cable housing - PH 1,5/S/11 - 3212837



Cable housing, Pitch: 38.5 mm, Length: 19.9 mm, Width: 38.5 mm, Height: 36.8 mm, Number of positions: 11, Color: gray

Cable housing - PH 1,5/S/12 - 3212840



Cable housing, Pitch: 42 mm, Length: 19.9 mm, Width: 42 mm, Height: 36.8 mm, Number of positions: 12, Color: gray

Cable housing - PH 1,5/S/13 - 3212853



Cable housing, Pitch: 45.5 mm, Length: 19.9 mm, Width: 45.5 mm, Height: 36.8 mm, Number of positions: 13, Color: gray

Cable housing - PH 1,5/S/14 - 3212866



Cable housing, Pitch: 49 mm, Length: 19.9 mm, Width: 49 mm, Height: 36.8 mm, Number of positions: 14, Color: gray

Coding element

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Accessories

Coding star - PC - 3040588



Coding star, Length: 3 mm, Width: 3 mm, Height: 6 mm, Color: red

End cover

End cover - D-PPC 1,5/S - 3213690



End cover, Length: 27 mm, Width: 2.2 mm, Color: gray

Insulating sleeve

Insulating sleeve - MPS-IH WH - 0201663



Insulating sleeve, Color: white

Insulating sleeve - MPS-IH RD - 0201676



Insulating sleeve, Color: red

Insulating sleeve - MPS-IH BU - 0201689



Insulating sleeve, Color: blue

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Accessories

Insulating sleeve - MPS-IH YE - 0201692



Insulating sleeve, Color: yellow

Insulating sleeve - MPS-IH GN - 0201702



Insulating sleeve, Color: green

Insulating sleeve - MPS-IH GY - 0201728



Insulating sleeve, Color: gray

Insulating sleeve - MPS-IH BK - 0201731



Insulating sleeve, Color: black

Labeled terminal marker

Zack Marker strip, flat - ZBF 3,5 CUS - 0829394



Zack Marker strip, flat, can be ordered: Strip, white, labeled according to customer specifications, Mounting type: Snap into flat marker groove, for terminal block width: 3.5 mm, Lettering field: 3.5 x 5.2 mm

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Accessories

Zack Marker strip, flat - ZBF 3,5,LGS:FORTL.ZAHLEN - 0801406



Zack Marker strip, flat, Strip, white, labeled, Printed horizontally: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 100, Mounting type: Snap into flat marker groove, for terminal block width: 3.5 mm, Lettering field: 5.15 x 3.5 mm

Zack Marker strip, flat - ZBF 3,5,QR:FORTL.ZAHLEN - 0801407



Zack Marker strip, flat, Strip, white, labeled, Printed vertically: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 100, Mounting type: Snap into flat marker groove, for terminal block width: 3.5 mm, Lettering field: 5.15 x 3.5 mm

Marker for terminal blocks - UCT-TMF 3,5 CUS - 0829644



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, Mounting type: Snap into flat marker groove, for terminal block width: 3.5 mm, Lettering field: 2.7 x 4.7 mm

Screwdriver tools

Screwdriver - SZF 0-0,4X2,5 - 1204504



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.4 x 2.5 x 75 mm, 2-component grip, with non-slip grip

Screwdriver - ST-BW 0 - 1200135



Actuation tool, for all 1.5 mm² spring cages from PT 1,5/S and FT 1,5/S

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Accessories

Terminal marking

Zack Marker strip, flat - ZBF 3,5:UNBEDRUCKT - 0829392



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into flat marker groove, for terminal block width: 3.5 mm, Lettering field: 3.5 x 5.2 mm

Marker for terminal blocks - UCT-TMF 3,5 - 0829486



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, TOPMARK LASER, THERMOMARK PRIME, Mounting type: Snap into flat marker groove, for terminal block width: 3.5 mm, Lettering field: 2.7 x 4.7 mm

Test plug terminal block

Test plugs - MPS-MT - 0201744



Test plugs, Color: silver

Additional products

Plug - PP-H 1,5/S/1 - 3212484



Plug, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, Width: 3.5 mm, Height: 31.3 mm, Color: gray

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Accessories

Plug - PP-H 1,5/S/1 BU - 3212497



Plug, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, Width: 3.5 mm, Height: 31.3 mm, Color: blue

Plug - PP-H 1,5/S/1 GNYE - 3212507



Plug, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, Width: 3.5 mm, Height: 31.3 mm, Color: green-yellow

Plug - PP-H 1,5/S/2 - 3212510



Plug, Connection method: Push-in connection, Number of positions: 2, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, Width: 7 mm, Height: 31.3 mm, Color: gray

Plug - PP-H 1,5/S/3 - 3212523



Plug, Connection method: Push-in connection, Number of positions: 3, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, Width: 10.5 mm, Height: 31.3 mm, Color: gray

Plug - PP-H 1,5/S/4 - 3212536



Plug, Connection method: Push-in connection, Number of positions: 4, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, Width: 14 mm, Height: 31.3 mm, Color: gray

COMBI receptacle - PPC 1,5/S-NS/7 - 3213439

Accessories

Plug - PP-H 1,5/S/5 - 3212549



Plug, Connection method: Push-in connection, Number of positions: 5, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, Width: 17.5 mm, Height: 31.3 mm, Color: gray

Plug - PP-H 1,5/S/6 - 3212552



Plug, Connection method: Push-in connection, Number of positions: 6, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, Width: 21 mm, Height: 31.3 mm, Color: gray

Plug - PP-H 1,5/S/7 - 3212565



Plug, Connection method: Push-in connection, Number of positions: 7, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, Width: 24.5 mm, Height: 31.3 mm, Color: gray

Plug - PP-H 1,5/S/8 - 3212578



Plug, Connection method: Push-in connection, Number of positions: 8, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, Width: 28 mm, Height: 31.3 mm, Color: gray

Plug - PP-H 1,5/S/9 - 3212581



Plug, Connection method: Push-in connection, Number of positions: 9, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, Width: 31.5 mm, Height: 31.3 mm, Color: gray

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Accessories

Plug - PP-H 1,5/S/10 - 3212594



Plug, Connection method: Push-in connection, Number of positions: 10, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, Width: 35 mm, Height: 31.3 mm, Color: gray

Plug - PP-H 1,5/S/11 - 3212604



Plug, Connection method: Push-in connection, Number of positions: 11, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, Width: 38.5 mm, Height: 31.3 mm, Color: gray

Plug - PP-H 1,5/S/12 - 3212617



Plug, Connection method: Push-in connection, Number of positions: 12, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, Width: 42 mm, Height: 31.3 mm, Color: gray

Plug - PP-H 1,5/S/13 - 3212620



Plug, Connection method: Push-in connection, Number of positions: 13, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, Width: 45.5 mm, Height: 31.3 mm, Color: gray

Plug - PP-H 1,5/S/14 - 3212633



Plug, Connection method: Push-in connection, Number of positions: 14, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, Width: 49 mm, Height: 31.3 mm, Color: gray

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Accessories

Plug - PP-H 1,5/S/15 - 3212646



Plug, Connection method: Push-in connection, Number of positions: 15, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, Width: 52.5 mm, Height: 31.3 mm, Color: gray

Plug - PP-H 1,5/S/1-L - 3212659



Plug, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, Width: 3.5 mm, Height: 31.3 mm, Color: gray

Plug - PP-H 1,5/S/1-L BU - 3212662



Plug, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, Width: 3.5 mm, Height: 31.3 mm, Color: blue

Plug - PP-H 1,5/S/1-L GNYE - 3212675



Plug, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, Width: 3.5 mm, Height: 31.3 mm, Color: green-yellow

Plug - PP-H 1,5/S/1-M - 3212688



Plug, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, Width: 3.5 mm, Height: 31.3 mm, Color: gray

COMBI receptacle - PPC 1,5/S-NS/7 - 3213439

Accessories

Plug - PP-H 1,5/S/1-M BU - 3212691



Plug, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, Width: 3.5 mm, Height: 31.3 mm, Color: blue

Plug - PP-H 1,5/S/1-M GNYE - 3212701



Plug, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, Width: 3.5 mm, Height: 31.3 mm, Color: green-yellow

Plug - PP-H 1,5/S/1-R - 3212714



Plug, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, Width: 3.5 mm, Height: 31.3 mm, Color: gray

Plug - PP-H 1,5/S/1-R BU - 3212727



Plug, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, Width: 3.5 mm, Height: 31.3 mm, Color: blue

Plug - PP-H 1,5/S/1-R GNYE - 3212730



Plug, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, Width: 3.5 mm, Height: 31.3 mm, Color: green-yellow

COMBI receptacle - PPC 1,5/S-NS/7 - 3213439

Accessories

Strain relief - PZ 1,5/S/2 - 3212918



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

Latching - PRZ 1,5/S - 3212905



Latching, Length: 3 mm, Width: 3.5 mm, Color: orange

Latching - PR 1,5/S/2 - 3212895



Latching, Color: orange

Latching - PR 1,5/S - 3212882



Latching, Color: orange
