

## Coupling - PPC 1,5/S-NS/1-L - 3213700

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Coupling, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG 26 - 16, Width: 3.5 mm, Height: 27 mm, Color: gray, Mounting type: NS 35/15, NS 35/7.5

### Why buy this product

- The coupling with Push-in connection offers the ideal solution for applications with DIN rail mounting where only a low design height is available
- The terminal blocks are snapped onto the PPC... free-hanging couplings as modules and can be used on both NS 15 and NS 35 DIN rails



### Key commercial data

|                        |   |
|------------------------|---|
| Packing unit           | 0   |
| Minimum order quantity | 1   |
| Catalog page           | Page 319 (CL1-2011)   |
| GTIN                   | <br>4 046356 566124 |
| Custom tariff number   | 85369010  |
| Country of origin      | POLAND  |

### Technical data

#### General

|   |      |
|---|------|
| Number of levels                        | 1    |
| Number of connections                   | 1    |
| Color                                   | gray |
| Insulating material                     | PA   |
| Inflammability class according to UL 94 | V0   |

#### Dimensions

|                  |         |
|------------------|---------|
| Width            | 3.5 mm  |
| Length           | 17.8 mm |
| Height           | 27 mm   |
| Height NS 35/7.5 | 28.3 mm |

#### Technical data

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|  |   |
|--|---|
| Maximum load current   | 13.5 A (with 1.5 mm <sup>2</sup> conductor cross section) |
| Rated surge voltage  | 6 kV  |
| Pollution degree   | 3   |
| Surge voltage category   | III   |
| Insulating material group  | I   |
| Connection in acc. with standard                                   | IEC 61984   |
| Nominal current I <sub>N</sub>                                     | 17.5 A  |
| Nominal voltage U <sub>N</sub>                                     | 500 V   |
| Open side panel  | ja  |
| Number of positions  | 1   |
| Insertion/withdrawal cycles mechanical                             | 100   |
| Surge voltage test setpoint  | 7.3 kV  |
| Result   | Test passed   |
| Tight fit on carrier   | NS 35   |
| Setpoint   | 1 N   |
| Result   | Test passed   |
| Conductor cross section short circuit testing                      | 1.5 mm <sup>2</sup>                                       |
| Short-time current   | 0.18 kA   |
| Short circuit stability result                                     | Test passed   |
| Proof of thermal characteristics (needle flame) effective duration | 30 s  |
| Result   | Test passed   |

#### Connection data

|  |                      |
|--|----------------------|
| Conductor cross section solid min.   | 0.14 mm <sup>2</sup> |
| Conductor cross section solid max.   | 1.5 mm <sup>2</sup>  |
| Conductor cross section stranded min.                                      | 0.14 mm <sup>2</sup> |
| Conductor cross section stranded max.                                      | 1.5 mm <sup>2</sup>  |
| Conductor cross section AWG/kcmil min.                                     | 26                   |
| Conductor cross section AWG/kcmil max                                      | 16                   |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.14 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 1.5 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule with plastic sleeve min.    | 0.14 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.    | 1 mm <sup>2</sup>    |
| Connection method  | Push-in connection   |
| Stripping length   | 8 mm                 |
| Internal cylindrical gage  | A1 / B1              |

# Coupling - PPC 1,5/S-NS/1-L - 3213700

## Classifications

### eclass

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141131 |
| eCl@ss 4.1 | 27141131 |
| eCl@ss 5.0 | 27141134 |
| eCl@ss 5.1 | 27141134 |
| eCl@ss 6.0 | 27141134 |
| eCl@ss 7.0 | 27141134 |

### etim

|          |          |
|----------|----------|
| ETIM 4.0 | EC002498 |
|----------|----------|

### unspsc

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211811 |
| UNSPSC 7.0901 | 39121410 |
| UNSPSC 11     | 39121410 |
| UNSPSC 12.01  | 39121409 |
| UNSPSC 13.2   | 39121410 |

## Accessories

### Accessories

### Assembly

DIN rail perforated - NS 35/ 7,5 PERF 2000MM - 0801733



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2000 mm

DIN rail - NS 35/ 7,5 UNPERF 2000MM - 0801681



DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m

DIN rail - NS 35/ 7,5 WH PERF 2000MM - 1204119

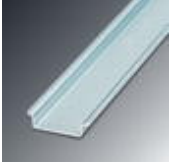


DIN rail 35 mm (NS 35)

## Coupling - PPC 1,5/S-NS/1-L - 3213700

### Accessories

DIN rail - NS 35/ 7,5 WH UNPERF 2000MM - 1204122



DIN rail 35 mm (NS 35)

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DIN rail - NS 35/ 7,5 AL UNPERF 2000MM - 0801704



DIN rail, material: Aluminum, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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DIN rail - NS 35/ 7,5 ZN PERF 2000MM - 1206421



DIN rail, material: Galvanized, perforated, height 7.5 mm, width 35 mm, length: 2 m

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DIN rail - NS 35/ 7,5 ZN UNPERF 2000MM - 1206434



DIN rail, material: Galvanized, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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DIN rail - NS 35/ 7,5 CU UNPERF 2000MM - 0801762



DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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End cap - NS 35/ 7,5 CAP - 1206560



DIN rail end piece, for DIN rail NS 35/7.5

## Coupling - PPC 1,5/S-NS/1-L - 3213700

### Accessories

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#### Covers

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



End cover, Length: 17.8 mm, Width: 2.2 mm, Color: gray

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#### 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

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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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Keying star - PC - 3040588



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

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#### Plug/Adapter

Test plugs - MPS-MT - 0201744



Test plugs

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## Coupling - PPC 1,5/S-NS/1-L - 3213700

### Accessories

Insulating sleeve - MPS-IH RD - 0201676



Insulating sleeve, Color: red

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Insulating sleeve - MPS-IH BK - 0201731



Insulating sleeve, Color: black

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Insulating sleeve - MPS-IH BU - 0201689



Insulating sleeve, Color: blue

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Insulating sleeve - MPS-IH GN - 0201702



Insulating sleeve, Color: green

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Insulating sleeve - MPS-IH GY - 0201728



Insulating sleeve, Color: gray

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Insulating sleeve - MPS-IH WH - 0201663



Insulating sleeve, Color: white

## Coupling - PPC 1,5/S-NS/1-L - 3213700

### Accessories

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Insulating sleeve - MPS-IH YE - 0201692



Insulating sleeve, Color: yellow

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### 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

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### Additional products

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



Connectors, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG 26 - 14, Width: 3.5 mm, Height: 31.3 mm, Color: gray

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



Connectors, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG 26 - 14, Width: 3.5 mm, Height: 31.3 mm, Color: blue

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



Connectors, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG 26 - 14, Width: 3.5 mm, Height: 31.3 mm, Color: green-yellow

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## Coupling - PPC 1,5/S-NS/1-L - 3213700

### Accessories

#### Connectors - PP-H 1,5/S/2 - 3212510



Connectors, Connection method: Push-in connection, Number of positions: 2, Cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG 26 - 14, Width: 7 mm, Height: 31.3 mm, Color: gray

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#### Connectors - PP-H 1,5/S/3 - 3212523



Connectors, Connection method: Push-in connection, Number of positions: 3, Cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG 26 - 14, Width: 10.5 mm, Height: 31.3 mm, Color: gray

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#### Connectors - PP-H 1,5/S/4 - 3212536



Connectors, Connection method: Push-in connection, Number of positions: 4, Cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG 26 - 14, Width: 14 mm, Height: 31.3 mm, Color: gray

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#### Connectors - PP-H 1,5/S/5 - 3212549



Connectors, Connection method: Push-in connection, Number of positions: 5, Cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG 26 - 14, Width: 17.5 mm, Height: 31.3 mm, Color: gray

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#### Connectors - PP-H 1,5/S/6 - 3212552



Connectors, Connection method: Push-in connection, Number of positions: 6, Cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG 26 - 14, Width: 21 mm, Height: 31.3 mm, Color: gray

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#### Connectors - PP-H 1,5/S/7 - 3212565



Connectors, Connection method: Push-in connection, Number of positions: 7, Cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG 26 - 14, Width: 24.5 mm, Height: 31.3 mm, Color: gray

## Coupling - PPC 1,5/S-NS/1-L - 3213700

### Accessories

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#### Connectors - PP-H 1,5/S/8 - 3212578



Connectors, Connection method: Push-in connection, Number of positions: 8, Cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG 26 - 14, Width: 28 mm, Height: 31.3 mm, Color: gray

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#### Connectors - PP-H 1,5/S/9 - 3212581



Connectors, Connection method: Push-in connection, Number of positions: 9, Cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG 26 - 14, Width: 31.5 mm, Height: 31.3 mm, Color: gray

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#### Connectors - PP-H 1,5/S/10 - 3212594



Connectors, Connection method: Push-in connection, Number of positions: 10, Cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG 26 - 14, Width: 35 mm, Height: 31.3 mm, Color: gray

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#### Connectors - PP-H 1,5/S/11 - 3212604



Connectors, Connection method: Push-in connection, Number of positions: 11, Cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG 26 - 14, Width: 38.5 mm, Height: 31.3 mm, Color: gray

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#### Connectors - PP-H 1,5/S/12 - 3212617



Connectors, Connection method: Push-in connection, Number of positions: 12, Cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG 26 - 14, Width: 42 mm, Height: 31.3 mm, Color: gray

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## Coupling - PPC 1,5/S-NS/1-L - 3213700

### Accessories

#### Connectors - PP-H 1,5/S/13 - 3212620



Connectors, Connection method: Push-in connection, Number of positions: 13, Cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG 26 - 14, Width: 45.5 mm, Height: 31.3 mm, Color: gray

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#### Connectors - PP-H 1,5/S/14 - 3212633



Connectors, Connection method: Push-in connection, Number of positions: 14, Cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG 26 - 14, Width: 49 mm, Height: 31.3 mm, Color: gray

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#### Connectors - PP-H 1,5/S/15 - 3212646



Connectors, Connection method: Push-in connection, Number of positions: 15, Cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG 26 - 14, Width: 52.5 mm, Height: 31.3 mm, Color: gray

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#### Connectors - PP-H 1,5/S/1-L - 3212659



Connectors, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG 26 - 14, Width: 3.5 mm, Height: 31.3 mm, Color: gray

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#### Connectors - PP-H 1,5/S/1-L BU - 3212662



Connectors, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG 26 - 14, Width: 3.5 mm, Height: 31.3 mm, Color: blue

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#### Connectors - PP-H 1,5/S/1-L GNYE - 3212675



Connectors, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG 26 - 14, Width: 3.5 mm, Height: 31.3 mm, Color: green-yellow

## Coupling - PPC 1,5/S-NS/1-L - 3213700

### Accessories

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#### Connectors - PP-H 1,5/S/1-M - 3212688



Connectors, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG 26 - 14, Width: 3.5 mm, Height: 31.3 mm, Color: gray

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#### Connectors - PP-H 1,5/S/1-M BU - 3212691



Connectors, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG 26 - 14, Width: 3.5 mm, Height: 31.3 mm, Color: blue

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#### Connectors - PP-H 1,5/S/1-M GNYE - 3212701



Connectors, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG 26 - 14, Width: 3.5 mm, Height: 31.3 mm, Color: green-yellow

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#### Connectors - PP-H 1,5/S/1-R - 3212714



Connectors, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG 26 - 14, Width: 3.5 mm, Height: 31.3 mm, Color: gray

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#### Connectors - PP-H 1,5/S/1-R BU - 3212727



Connectors, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG 26 - 14, Width: 3.5 mm, Height: 31.3 mm, Color: blue

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## Coupling - PPC 1,5/S-NS/1-L - 3213700

### Accessories

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



Connectors, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG 26 - 14, Width: 3.5 mm, Height: 31.3 mm, Color: green-yellow

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



Strain relief, Color: black

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Latching - PRZ 1,5/S - 3212905



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

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



Latching, Color: orange

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Latching - PR 1,5/S - 3212882



Latching, Color: orange

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### Drawings

Circuit diagram





## Данный компонент на территории Российской Федерации

### Вы можете приобрести в компании MosChip.

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Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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