

## Double-level terminal block - PTTBS 2,5-TWIN/2P BU - 3210605

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Double-level terminal block, Connection method: Push-in connection, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 5.2 mm, Color: blue, Mounting type: NS 35/7,5, NS 35/15

The illustration shows the version in gray

### Why buy this product

- ✓ The Push-in connection terminal blocks are characterized by the system features of the CLIPLINE complete system and by easy and tool-free wiring of conductors with ferrules or solid conductors
- ✓ The compact design and front connection enable wiring in a confined space
- ✓ In addition to the testing facility in the double function shaft, all terminal blocks provide an additional test connection

RoHS

### Key Commercial Data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 1 STK                                                                                                   |
| Minimum order quantity               | 50 STK                                                                                                  |
| GTIN                                 | <br>4 055626 004419 |
| GTIN                                 | 4055626004419                                                                                           |
| Weight per Piece (excluding packing) | 16.800 g                                                                                                |
| Custom tariff number                 | 85369010                                                                                                |
| Country of origin                    | Poland                                                                                                  |

### Technical data

#### General

|                       |                     |
|-----------------------|---------------------|
| Number of levels      | 2                   |
| Number of connections | 5                   |
| Nominal cross section | 2.5 mm <sup>2</sup> |
| Color                 | blue                |

# Double-level terminal block - PTTBS 2,5-TWIN/2P BU - 3210605

## Technical data

### General

|                                                                         |                                                                  |
|-------------------------------------------------------------------------|------------------------------------------------------------------|
| Insulating material                                                     | PA                                                               |
| Flammability rating according to UL 94                                  | V0                                                               |
| Rated surge voltage                                                     | 6 kV                                                             |
| Overvoltage category                                                    | III                                                              |
| Insulating material group                                               | I                                                                |
| Maximum power dissipation for nominal condition                         | 0.77 W (the value is multiplied when connecting multiple levels) |
| Connection in acc. with standard                                        | IEC 60947-7-1                                                    |
| Nominal current $I_N$                                                   | 18 A                                                             |
| Maximum load current                                                    | 18 A (with 4 mm <sup>2</sup> conductor cross section)            |
| 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)) | 125 °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)                        | 27,5 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            | 5.2 mm   |
| Length           | 111.8 mm |
| Height NS 35/7,5 | 55 mm    |
| Height NS 35/15  | 62.5 mm  |

### Connection data

|                                    |                      |
|------------------------------------|----------------------|
| Connection method                  | Push-in connection   |
| Conductor cross section solid min. | 0.14 mm <sup>2</sup> |
| Conductor cross section solid max. | 4 mm <sup>2</sup>    |

## Double-level terminal block - PTTBS 2,5-TWIN/2P BU - 3210605

### Technical data

#### Connection data

|                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|
| Conductor cross section flexible min.                                                   | 0.14 mm <sup>2</sup> |
| Conductor cross section flexible max.                                                   | 2.5 mm <sup>2</sup>  |
| Conductor cross section AWG min.                                                        | 26                   |
| Conductor cross section AWG max.                                                        | 12                   |
| Conductor cross section flexible, with ferrule without plastic sleeve min.              | 0.14 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule without plastic sleeve max.              | 2.5 mm <sup>2</sup>  |
| Conductor cross section flexible, with ferrule with plastic sleeve min.                 | 0.14 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule with plastic sleeve max.                 | 2.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 0.5 mm <sup>2</sup>  |
| Stripping length                                                                        | 8 mm ... 10 mm       |
| Internal cylindrical gage                                                               | A3                   |

#### Standards and Regulations

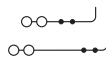
|                                        |               |
|----------------------------------------|---------------|
| Connection in acc. with standard       | IEC 60947-7-1 |
| Flammability rating according to UL 94 | V0            |

#### Environmental Product Compliance

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

### Drawings

#### Circuit diagram



### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 5.1 | 27141120 |
| eCl@ss 6.0 | 27141120 |
| eCl@ss 8.0 | 27141120 |
| eCl@ss 9.0 | 27141120 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 5.0 | EC000897 |
| ETIM 6.0 | EC000897 |

## Double-level terminal block - PTTBS 2,5-TWIN/2P BU - 3210605

### Classifications

#### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 13.2 | 39121410 |
|-------------|----------|

### Approvals

#### Approvals

#### Approvals

UL Recognized / cUL Recognized / CSA / DNV GL / LR / cULus Recognized

#### Ex Approvals

### Approval details

|                                |                                                                                     |                                                                                                                                                       |              |
|--------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| UL Recognized                  |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 60425 |
|                                | B                                                                                   | C                                                                                                                                                     |              |
| mm²/AWG/kcmil                  | 26-12                                                                               | 26-12                                                                                                                                                 |              |
| Nominal current I <sub>N</sub> | 20 A                                                                                | 20 A                                                                                                                                                  |              |
| Nominal voltage U <sub>N</sub> | 600 V                                                                               | 600 V                                                                                                                                                 |              |

|                                |                                                                                     |                                                                                                                                                       |              |
|--------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| cUL Recognized                 |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 60425 |
|                                | B                                                                                   | C                                                                                                                                                     |              |
| mm²/AWG/kcmil                  | 26-12                                                                               | 26-12                                                                                                                                                 |              |
| Nominal current I <sub>N</sub> | 20 A                                                                                | 20 A                                                                                                                                                  |              |
| Nominal voltage U <sub>N</sub> | 600 V                                                                               | 600 V                                                                                                                                                 |              |

|                                |                                                                                     |                                                                                                                                                                                           |       |
|--------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| CSA                            |  | <a href="http://www.csagroup.org/services/testing-and-certification/certified-product-listing/">http://www.csagroup.org/services/testing-and-certification/certified-product-listing/</a> | 13631 |
|                                | B                                                                                   | C                                                                                                                                                                                         |       |
| mm²/AWG/kcmil                  | 26-12                                                                               | 26-12                                                                                                                                                                                     |       |
| Nominal current I <sub>N</sub> | 20 A                                                                                | 20 A                                                                                                                                                                                      |       |
| Nominal voltage U <sub>N</sub> | 600 V                                                                               | 600 V                                                                                                                                                                                     |       |

## Double-level terminal block - PTTBS 2,5-TWIN/2P BU - 3210605

### Approvals

|        |                                                                           |               |
|--------|---------------------------------------------------------------------------|---------------|
| DNV GL | <a href="http://exchange.dnv.com/tari/">http://exchange.dnv.com/tari/</a> | TAE00000UD_01 |
|--------|---------------------------------------------------------------------------|---------------|

|    |                                                                                   |                                                         |          |
|----|-----------------------------------------------------------------------------------|---------------------------------------------------------|----------|
| LR |  | <a href="http://www.lr.org/en">http://www.lr.org/en</a> | 16/20026 |
|----|-----------------------------------------------------------------------------------|---------------------------------------------------------|----------|

|                  |                                                                                   |                                                                                                                                                       |
|------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| cULus Recognized |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> |
|------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|

### Accessories

#### Accessories

##### DIN rail

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, unperforated - NS 35/ 7,5 UNPERF 2000MM - 0801681

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

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



DIN rail 35 mm (NS 35)

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



DIN rail 35 mm (NS 35)

## Double-level terminal block - PTTBS 2,5-TWIN/2P BU - 3210605

### Accessories

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

DIN rail, unperforated, Width: 35 mm, Height: 7.5 mm, Length: 2000 mm, Color: silver

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DIN rail perforated - 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, unperforated - 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, unperforated - 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

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## Double-level terminal block - PTTBS 2,5-TWIN/2P BU - 3210605

### Accessories

DIN rail perforated - NS 35/15 PERF 2000MM - 1201730



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 15 mm, width 35 mm, length: 2000 mm

DIN rail, unperforated - NS 35/15 UNPERF 2000MM - 1201714



DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m

DIN rail perforated - NS 35/15 WH PERF 2000MM - 0806602



DIN rail 35 mm (NS 35)

DIN rail - NS 35/15 WH UNPERF 2000MM - 1204135



DIN rail 35 mm (NS 35)

DIN rail, unperforated - NS 35/15 AL UNPERF 2000MM - 1201756



DIN rail, deep drawn, high profile, unperforated, 1.5 mm thick, material: aluminum, height 15 mm, width 35 mm, length 2000 mm

## Double-level terminal block - PTTBS 2,5-TWIN/2P BU - 3210605

### Accessories

DIN rail perforated - NS 35/15 ZN PERF 2000MM - 1206599



DIN rail, material: Galvanized, perforated, height 15 mm, width 35 mm, length: 2 m

DIN rail, unperforated - NS 35/15 ZN UNPERF 2000MM - 1206586



DIN rail, material: Galvanized, unperforated, height 15 mm, width 35 mm, length: 2 m

DIN rail, unperforated - NS 35/15 CU UNPERF 2000MM - 1201895



DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m

End cap - NS 35/15 CAP - 1206573



DIN rail end piece, for DIN rail NS 35/15

DIN rail, unperforated - NS 35/15-2,3 UNPERF 2000MM - 1201798



DIN rail, unperforated, Width: 35 mm, Height: 15 mm, Length: 2000 mm, Color: silver

### Documentation

## Double-level terminal block - PTTBS 2,5-TWIN/2P BU - 3210605

### Accessories

Mounting material - PT-IL - 3208090

Operating decal for the push-in Technology



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### End block

End clamp - CLIPFIX 35 - 3022218



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, width: 9.5 mm, color: gray

End clamp - CLIPFIX 35-5 - 3022276



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, with parking option for FBS...5, FBS...6, KSS 5, KSS 6, width: 5.15 mm, color: gray

End clamp - E/NS 35 N - 0800886



End clamp, width: 9.5 mm, color: gray

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### End cover

End cover - D-PTTBS 2,5-TWIN - 3210608



End cover, Length: 111.8 mm, Width: 2.2 mm, Height: 45.8 mm, Color: gray

## Double-level terminal block - PTTBS 2,5-TWIN/2P BU - 3210605

### Accessories

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#### Insulating sleeve

Insulating sleeve - MPS-IH WH - 0201663



Insulating sleeve, Color: white

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Insulating sleeve - MPS-IH RD - 0201676



Insulating sleeve, Color: red

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Insulating sleeve - MPS-IH BU - 0201689



Insulating sleeve, Color: blue

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Insulating sleeve - MPS-IH YE - 0201692



Insulating sleeve, Color: yellow

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Insulating sleeve - MPS-IH GN - 0201702



Insulating sleeve, Color: green

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## Double-level terminal block - PTTBS 2,5-TWIN/2P BU - 3210605

### Accessories

Insulating sleeve - MPS-IH GY - 0201728



Insulating sleeve, Color: gray

Insulating sleeve - MPS-IH BK - 0201731



Insulating sleeve, Color: black

Insulating sleeve - ISH 2,5/0,2 - 3002843



Insulating sleeve, Color: white

Insulating sleeve - ISH 2,5/0,5 - 3002856



Insulating sleeve, Color: gray

Insulating sleeve - ISH 2,5/1,0 - 3002869



Insulating sleeve, Color: black

### Jumper

## Double-level terminal block - PTTBS 2,5-TWIN/2P BU - 3210605

### Accessories

Plug-in bridge - FBS 2-5 - 3030161



Plug-in bridge, Pitch: 5.2 mm, Length: 22.7 mm, Width: 9 mm, Number of positions: 2, Color: red

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Plug-in bridge - FBS 3-5 - 3030174



Plug-in bridge, Pitch: 5.2 mm, Length: 22.7 mm, Width: 14.2 mm, Number of positions: 3, Color: red

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Plug-in bridge - FBS 4-5 - 3030187



Plug-in bridge, Pitch: 5.2 mm, Length: 22.7 mm, Width: 19.4 mm, Number of positions: 4, Color: red

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Plug-in bridge - FBS 5-5 - 3030190



Plug-in bridge, Pitch: 5.2 mm, Length: 22.7 mm, Width: 24.6 mm, Number of positions: 5, Color: red

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Plug-in bridge - FBS 10-5 - 3030213



Plug-in bridge, Pitch: 5.2 mm, Length: 22.7 mm, Width: 50.6 mm, Number of positions: 10, Color: red

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## Double-level terminal block - PTTBS 2,5-TWIN/2P BU - 3210605

### Accessories

Plug-in bridge - FBS 20-5 - 3030226



Plug-in bridge, Pitch: 5.2 mm, Number of positions: 20, Color: red

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Plug-in bridge - FBS 50-5 - 3038930



Plug-in bridge, Pitch: 5.2 mm, Number of positions: 50, Color: red

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Plug-in bridge - FBSR 2-5 - 3033702



Plug-in bridge, Pitch: 5.2 mm, Number of positions: 2, Color: red

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Plug-in bridge - FBSR 3-5 - 3001591



Plug-in bridge, Pitch: 5.2 mm, Number of positions: 3, Color: red

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Plug-in bridge - FBSR 4-5 - 3001592



Plug-in bridge, Pitch: 5.2 mm, Number of positions: 4, Color: red

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## Double-level terminal block - PTTBS 2,5-TWIN/2P BU - 3210605

### Accessories

Plug-in bridge - FBSR 5-5 - 3001593



Plug-in bridge, Pitch: 5.2 mm, Number of positions: 5, Color: red

Plug-in bridge - FBSR 10-5 - 3033710



Plug-in bridge, Pitch: 5.2 mm, Number of positions: 10, Color: red

### Labeled terminal marker

Zack marker strip - ZB 5 CUS - 0824962



Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, Mounting type: Snap into tall marker groove, for terminal block width: 5.2 mm, Lettering field: 5.15 x 10.5 mm

Zack marker strip - ZB 5,LGS:FORTL.ZAHLEN - 1050017



Zack marker strip, Strip, white, labeled, Printed horizontally: Consecutive numbers 1 - 10, 11 - 20, etc. up to 491 - 500, Mounting type: Snap into tall marker groove, for terminal block width: 5.2 mm, Lettering field: 5.15 x 10.5 mm

Zack marker strip - ZB 5,QR:FORTL.ZAHLEN - 1050020



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, Printed vertically: Consecutive numbers 1 - 10, 11 - 20, etc. up to 491 - 500, Mounting type: Snap into tall marker groove, for terminal block width: 5.2 mm, Lettering field: 5.15 x 10.5 mm

## Double-level terminal block - PTTBS 2,5-TWIN/2P BU - 3210605

### Accessories

#### Zack marker strip - ZB 5,LGS:GLEICHE ZAHLEN - 1050033



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, Printed horizontally: Identical numbers 1 or 2, etc. up to 100, Mounting type: Snap into tall marker groove, for terminal block width: 5.2 mm, Lettering field: 5.15 x 10.5 mm

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#### Marker for terminal blocks - ZB 5,LGS:L1-N,PE - 1050415



Marker for terminal blocks, Strip, white, labeled, Horizontal: L1, L2, L3, N, PE, L1, L2, L3, N, PE, Mounting type: Snap into tall marker groove, for terminal block width: 5.2 mm, Lettering field: 5.15 x 10.5 mm

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#### Marker for terminal blocks - UC-TM 5 CUS - 0824581



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, Mounting type: Snap into tall marker groove, for terminal block width: 5.2 mm, Lettering field: 10.5 x 4.6 mm

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#### Marker for terminal blocks - UCT-TM 5 CUS - 0829595



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, Mounting type: Snap into tall marker groove, Lettering field: 4.6 x 10.5 mm

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#### Zack Marker strip, flat - ZBF 5 CUS - 0825025



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: 5 mm, Lettering field: 5.15 x 5.15 mm

## Double-level terminal block - PTTBS 2,5-TWIN/2P BU - 3210605

### Accessories

Zack Marker strip, flat - ZBF 5,LGS:FORTL.ZAHLEN - 0808671



Zack Marker strip, flat, Strip, white, labeled, Printed horizontally: Consecutive numbers 1 - 10, 11 - 20, etc. up to 491 - 500, Mounting type: Snap into flat marker groove, for terminal block width: 5 mm, Lettering field: 5.15 x 5.15 mm

Zack Marker strip, flat - ZBF 5,QR:FORTL.ZAHLEN - 0808697



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: 5 mm, Lettering field: 5.15 x 5.15 mm

Zack Marker strip, flat - ZBF 5,LGS:GERADE ZAHLEN - 0810821



Zack Marker strip, flat, Strip, white, labeled, Printed horizontally: Consecutive numbers 2 - 20, 22 - 40, etc. up to 82 - 100, Mounting type: Snap into flat marker groove, for terminal block width: 5 mm, Lettering field: 5.15 x 5.15 mm

Zack Marker strip, flat - ZBF 5,LGS:UNGERADE ZAHLEN - 0810863



Zack Marker strip, flat, Strip, white, labeled, Printed horizontally: Odd numbers 1 - 19, 21 - 39, etc. up to 81 - 99, Mounting type: Snap into flat marker groove, for terminal block width: 5 mm, Lettering field: 5.15 x 5.15 mm

Marker for terminal blocks - UC-TMF 5 CUS - 0824638



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: 5.2 mm, Lettering field: 4.6 x 5.1 mm

## Double-level terminal block - PTTBS 2,5-TWIN/2P BU - 3210605

### Accessories

Marker for terminal blocks - UCT-TMF 5 CUS - 0829658



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: 5.2 mm, Lettering field: 4.4 x 4.7 mm

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### Marker carriers

Marker carriers - STP 5-2-ZB - 3037643



Double marker carrier, snaps onto the spring-cage terminal blocks ST 2.5..., labeled with ZB 5 or ZBF 5

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Group marker label for terminal marking - GBS-ZB/26X6 - 0809298



Group marking label, snaps onto terminal center for screw, spring-cage and quick connection terminal blocks, labeled with ESL 26x6 mm or EST 25x6 mm, in the foot part with Zack marker strip, length: 29 mm

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### Partition plate

Partition plate - ATP-STTB 4 - 3030747



Partition plate, Length: 88.7 mm, Width: 2 mm, Height: 53 mm, Color: gray

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Spacer plate - DP PS-5 - 3036725



Spacer plate, Length: 22.4 mm, Width: 5.2 mm, Height: 29 mm, Number of positions: 1, Color: red

## Double-level terminal block - PTTBS 2,5-TWIN/2P BU - 3210605

### Accessories

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#### Planning and marking software

Software - CLIP-PROJECT ADVANCED - 5146040



Multilingual software for convenient configuration of Phoenix Contact products on standard DIN rails.

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Software - CLIP-PROJECT PROFESSIONAL - 5146053



Multilingual software for terminal strip configuration. A marking module enables the professional marking of markers and labels for identifying terminal blocks, conductors and cables, and devices.

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#### Screwdriver tools

Screwdriver - SZF 1-0,6X3,5 - 1204517



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

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Screwdriver - ST-BW - 1207608



Actuation tool, for all 2.5 mm<sup>2</sup> - 4.0 mm<sup>2</sup> spring-cages

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#### Terminal marking

## Double-level terminal block - PTTBS 2,5-TWIN/2P BU - 3210605

### Accessories

Group marker label for terminal marking - GBS 5-25X12 - 0810588



Group marker label, snaps onto terminal center for screw, spring-cage and quick connection terminal blocks, labeled with a 25 x 12 mm label or manually with the B-STIFT, in the foot part with ZB 5

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Zack marker strip - ZB 5 :UNBEDRUCKT - 1050004



Zack marker strip, Strip, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, Mounting type: Snap into tall marker groove, for terminal block width: 5.2 mm, Lettering field: 5.1 x 10.5 mm

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Marker for terminal blocks - UC-TM 5 - 0818108



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK CLED, BLUEMARK LED, CMS-P1-PLOTTER, PLOTMARK, Mounting type: Snap into tall marker groove, for terminal block width: 5.2 mm, Lettering field: 10.5 x 4.6 mm

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Marker for terminal blocks - UCT-TM 5 - 0828734



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: THERMOMARK PRIME, THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, TOPMARK LASER, Mounting type: Snap into tall marker groove, for terminal block width: 5.2 mm, Lettering field: 4.6 x 10.5 mm

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Zack Marker strip, flat - ZBF 5:UNBEDRUCKT - 0808642



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, Mounting type: Snap into flat marker groove, for terminal block width: 5 mm, Lettering field: 5.1 x 5.2 mm

## Double-level terminal block - PTTBS 2,5-TWIN/2P BU - 3210605

### Accessories

#### Marker for terminal blocks - UC-TMF 5 - 0818153



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK CLED, BLUEMARK LED, CMS-P1-PLOTTER, PLOTMARK, Mounting type: Snap into flat marker groove, for terminal block width: 5.2 mm, Lettering field: 4.6 x 5.1 mm

#### Marker for terminal blocks - UCT-TMF 5 - 0828744



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: THERMOMARK PRIME, THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, TOPMARK LASER, Mounting type: Snap into flat marker groove, for terminal block width: 5.2 mm, Lettering field: 4.4 x 4.7 mm

#### Test plug terminal block

##### Test plugs - MPS-MT - 0201744



Test plugs, with solder connection up to 1 mm<sup>2</sup> conductor cross section, Color: silver

##### Test plugs - PS-5 - 3030983



Test plugs, Color: red

##### Test plugs - PS-5/2,3MM RD - 3038723



Test plugs, Color: red

## Double-level terminal block - PTTBS 2,5-TWIN/2P BU - 3210605

### Accessories

#### Test socket

Test adapter - PAI-4-FIX-5/6 BU - 3035975



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

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Test adapter - PAI-4-FIX-5/6 OG - 3035974



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

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Test adapter - PAI-4-FIX-5/6 YE - 3035977



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

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Test adapter - PAI-4-FIX-5/6 RD - 3035976



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

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Test adapter - PAI-4-FIX-5/6 GN - 3035978



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

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## Double-level terminal block - PTTBS 2,5-TWIN/2P BU - 3210605

### Accessories

Test adapter - PAI-4-FIX-5/6 BK - 3035980



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

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Test adapter - PAI-4-FIX-5/6 GY - 3035982



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

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Test adapter - PAI-4-FIX-5/6 VT - 3035979



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

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Test adapter - PAI-4-FIX-5/6 BN - 3035981



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

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Test adapter - PAI-4-FIX-5/6 WH - 3035983



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

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### Vertical bridge

## Double-level terminal block - PTTBS 2,5-TWIN/2P BU - 3210605

### Accessories

Potential bridge - FBS-PV - 3032185



Vertical potential bridge, to connect the upper and lower level

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### Additional products

Plug - PP-H 2,5/ 1 - 3209866



Plug, Connection method: Push-in connection, Number of connections: 1, Number of positions: 1, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 5.2 mm, Height: 40.2 mm, Color: gray

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Plug - PP-H 2,5/ 1 GNYE - 3210020



Plug, Connection method: Push-in connection, Number of connections: 1, Number of positions: 1, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 5.2 mm, Height: 40.2 mm, Color: green-yellow

---

Plug - PP-H 2,5/ 2 - 3209879



Plug, Connection method: Push-in connection, Number of connections: 2, Number of positions: 2, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 10.4 mm, Height: 40.2 mm, Color: gray

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Plug - PP-H 2,5/ 3 - 3209882



Plug, Connection method: Push-in connection, Number of connections: 3, Number of positions: 3, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 15.6 mm, Height: 40.2 mm, Color: gray

## Double-level terminal block - PTTBS 2,5-TWIN/2P BU - 3210605

### Accessories

#### Plug - PP-H 2,5/ 3 (1GNYE/2GY) - 3209883



Plug, Connection method: Push-in connection, Number of connections: 3, Number of positions: 3, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 15.6 mm, Height: 40.2 mm, Color: gray

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#### Plug - PP-H 2,5/ 4 - 3209895



Plug, Connection method: Push-in connection, Number of connections: 4, Number of positions: 4, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 20.8 mm, Height: 40.2 mm, Color: gray

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#### Plug - PP-H 2,5/ 4 (1GNYE/3GY) - 3209896



Plug, Connection method: Push-in connection, Number of connections: 4, Number of positions: 4, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 20.8 mm, Height: 40.2 mm, Color: gray

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#### Plug - PP-H 2,5/ 5 - 3209905



Plug, Connection method: Push-in connection, Number of connections: 5, Number of positions: 5, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 26 mm, Height: 40.2 mm, Color: gray

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#### Plug - PP-H 2,5/ 6 - 3209918



Plug, Connection method: Push-in connection, Number of connections: 6, Number of positions: 6, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 31.2 mm, Height: 40.2 mm, Color: gray

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## Double-level terminal block - PTTBS 2,5-TWIN/2P BU - 3210605

### Accessories

#### Plug - PP-H 2,5/ 7 - 3209921



Plug, Connection method: Push-in connection, Number of connections: 7, Number of positions: 7, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 36.4 mm, Height: 40.2 mm, Color: gray

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#### Plug - PP-H 2,5/ 7 (1GNYE/6GY) - 3209922



Plug, Connection method: Push-in connection, Number of connections: 7, Number of positions: 7, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 36.4 mm, Height: 40.2 mm, Color: gray

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#### Plug - PP-H 2,5/ 8 - 3209934



Plug, Connection method: Push-in connection, Number of connections: 8, Number of positions: 8, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 41.6 mm, Height: 40.2 mm, Color: gray

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#### Plug - PP-H 2,5/ 9 - 3209947



Plug, Connection method: Push-in connection, Number of connections: 9, Number of positions: 9, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 46.8 mm, Height: 40.2 mm, Color: gray

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#### Plug - PP-H 2,5/1-L - 3210062



Plug, Connection method: Push-in connection, Number of connections: 1, Number of positions: 1, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 5.2 mm, Height: 40.2 mm, Color: gray

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## Double-level terminal block - PTTBS 2,5-TWIN/2P BU - 3210605

### Accessories

#### Plug - PP-H 2,5/1-L GNYE - 3210088



Plug, Connection method: Push-in connection, Number of connections: 1, Number of positions: 1, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 5.2 mm, Height: 40.2 mm, Color: green-yellow

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#### Plug - PP-H 2,5/1-M - 3210091



Plug, Connection method: Push-in connection, Number of connections: 1, Number of positions: 1, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 5.2 mm, Height: 40.2 mm, Color: gray

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#### Plug - PP-H 2,5/1-M GNYE - 3210114



Plug, Connection method: Push-in connection, Number of connections: 1, Number of positions: 1, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 5.2 mm, Height: 40.2 mm, Color: green-yellow

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#### Plug - PP-H 2,5/1-R - 3210127



Plug, Connection method: Push-in connection, Number of connections: 1, Number of positions: 1, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 5.2 mm, Height: 40.2 mm, Color: gray

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#### Plug - PP-H 2,5/1-R GNYE - 3210143



Plug, Connection method: Push-in connection, Number of connections: 1, Number of positions: 1, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 5.2 mm, Height: 40.2 mm, Color: green-yellow

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## Double-level terminal block - PTTBS 2,5-TWIN/2P BU - 3210605

### Accessories

#### Plug - PP-H 2,5/10 - 3209950



Plug, Connection method: Push-in connection, Number of connections: 10, Number of positions: 10, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 52 mm, Height: 40.2 mm, Color: gray

---

#### Plug - PP-H 2,5/11 - 3209963



Plug, Connection method: Push-in connection, Number of connections: 11, Number of positions: 11, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 57.2 mm, Height: 40.2 mm, Color: gray

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#### Plug - PP-H 2,5/12 - 3209976



Plug, Connection method: Push-in connection, Number of connections: 12, Number of positions: 12, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 62.4 mm, Height: 40.2 mm, Color: gray

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#### Plug - PP-H 2,5/12 (1GNYE/11GY) - 3209977



Plug, Connection method: Push-in connection, Number of connections: 12, Number of positions: 12, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 62.4 mm, Height: 40.2 mm, Color: gray

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#### Plug - PP-H 2,5/13 - 3209989



Plug, Connection method: Push-in connection, Number of connections: 13, Number of positions: 13, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 67.6 mm, Height: 40.2 mm, Color: gray

## Double-level terminal block - PTTBS 2,5-TWIN/2P BU - 3210605

### Accessories

#### Plug - PP-H 2,5/14 - 3209992



Plug, Connection method: Push-in connection, Number of connections: 14, Number of positions: 14, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 72.8 mm, Height: 40.2 mm, Color: gray

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#### Plug - PP-H 2,5/15 - 3210004



Plug, Connection method: Push-in connection, Number of connections: 15, Number of positions: 15, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 78 mm, Height: 40.2 mm, Color: gray

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#### Plug - PP-H 2,5/20 - 3061884



Plug, Connection method: Push-in connection, Number of connections: 20, Number of positions: 20, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 104 mm, Height: 39 mm, Color: gray

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#### Plug - PP-H 2,5/24 - 3061897



Plug, Connection method: Push-in connection, Number of connections: 24, Number of positions: 24, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 124.8 mm, Height: 39 mm, Color: gray

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