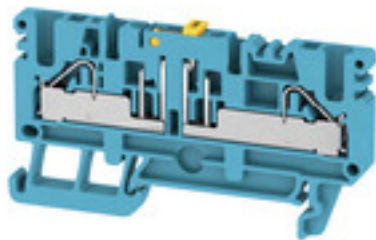


**PTR 2.5/4 BL****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image****Spring connection with PUSH IN Technology**

The innovative PUSH IN technology reduces the amount of time you spend on wiring to a minimum. Direct insertion guarantees high conductor pull-out forces and simple handling for all conductor types.

**General ordering data**

|                     |                                                                                    |
|---------------------|------------------------------------------------------------------------------------|
| Version             | Test-disconnect terminal, PUSH IN, 4 mm <sup>2</sup> , 500 V, 23 A, Pivoting, blue |
| Order No.           | <a href="#">1933970000</a>                                                         |
| Type                | PTR 2.5/4 BL                                                                       |
| GTIN (EAN)          | 4032248587865                                                                      |
| Qty.                | 50 pc(s).                                                                          |
| Delivery status     | <b>This article will no longer be available in the future.</b>                     |
| Available until     | 2023-03-31                                                                         |
| Alternative product | <a href="#">1989810000</a>                                                         |

Creation date March 26, 2021 10:04:47 AM CET

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## Technical data

## Dimensions and weights

|                          |            |                |            |
|--------------------------|------------|----------------|------------|
| Depth                    | 39 mm      | Depth (inches) | 1.535 inch |
| Depth including DIN rail | 39.5 mm    | Height         | 71 mm      |
| Height (inches)          | 2.795 inch | Net weight     | 11.48 g    |
| Width                    | 5.1 mm     | Width (inches) | 0.201 inch |

## Temperatures

|                                  |                |                                  |        |
|----------------------------------|----------------|----------------------------------|--------|
| Storage temperature              | -25 °C...55 °C | Continuous operating temp., min. | -50 °C |
| Continuous operating temp., max. | 120 °C         |                                  |        |

## Material data

|                           |       |        |      |
|---------------------------|-------|--------|------|
| Material                  | Wemid | Colour | blue |
| UL 94 flammability rating | V-0   |        |      |

## System specifications

|                                     |                                                                                    |                               |     |
|-------------------------------------|------------------------------------------------------------------------------------|-------------------------------|-----|
| Version                             | PUSH IN connection, Spacer, for plug-in cross-connector, One end without connector | End cover plate required      | Yes |
| Number of potentials                | 1                                                                                  | Number of levels              | 1   |
| Number of clamping points per level | 2                                                                                  | Number of potentials per tier | 1   |
| Levels cross-connected internally   | No                                                                                 | PE connection                 | No  |
| Rail                                | TS 35                                                                              | N-function                    | Yes |
| PE function                         | No                                                                                 | PEN function                  | No  |

## Additional technical data

|                          |         |            |       |
|--------------------------|---------|------------|-------|
| Explosion-tested version | No      | Open sides | right |
| Type of mounting         | Snap-on |            |       |

## CSA rating data

|                               |                |                               |        |
|-------------------------------|----------------|-------------------------------|--------|
| Certificate No. (CSA)         | 200039-1751332 | Current size B (CSA)          | 24 A   |
| Current size C (CSA)          | 24 A           | Voltage size B (CSA)          | 600 V  |
| Voltage size C (CSA)          | 600 V          | Wire cross section max. (CSA) | 10 AWG |
| Wire cross section min. (CSA) | 26 AWG         |                               |        |

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## Technical data

## Conductors for clamping (rated connection)

|                                                                                         |                      |                                                                                         |                     |
|-----------------------------------------------------------------------------------------|----------------------|-----------------------------------------------------------------------------------------|---------------------|
| Blade size                                                                              | 0.6 x 3.5 mm         | Clamping range, max.                                                                    | 6 mm <sup>2</sup>   |
| Clamping range, min.                                                                    | 0.13 mm <sup>2</sup> | Connection direction                                                                    | top                 |
| Gauge to IEC 60947-1                                                                    | A3                   | Number of connections                                                                   | 2                   |
| Stripping length                                                                        | 12 mm                | Twin wire-end ferrules, max.                                                            | 1.5 mm <sup>2</sup> |
| Twin wire-end ferrules, min.                                                            | 0.5 mm <sup>2</sup>  | Type of connection                                                                      | PUSH IN             |
| Wire connection cross section, finely stranded, max.                                    | 4 mm <sup>2</sup>    | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 4 mm <sup>2</sup>   |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.5 mm <sup>2</sup>  | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 4 mm <sup>2</sup>   |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 mm <sup>2</sup>  | Wire connection cross-section, solid core, max.                                         | 6 mm <sup>2</sup>   |
| Wire connection cross-section, solid core, min.                                         | 0.5 mm <sup>2</sup>  |                                                                                         |                     |

## Disconnect terminals

|                  |         |          |          |
|------------------|---------|----------|----------|
| Cross-disconnect | without | Slitting | Pivoting |
|------------------|---------|----------|----------|

## General

|      |       |           |               |
|------|-------|-----------|---------------|
| Rail | TS 35 | Standards | IEC 60947-7-1 |
|------|-------|-----------|---------------|

## Rating data

|                                              |        |                                 |                   |
|----------------------------------------------|--------|---------------------------------|-------------------|
| Power loss in accordance with IEC 60947-7-x  | 1.02 W | Rated cross-section             | 4 mm <sup>2</sup> |
| Rated voltage                                | 500 V  | Rated current                   | 23 A              |
| Current at maximum wires                     | 23 A   | Standards                       | IEC 60947-7-1     |
| Volume resistance according to IEC 60947-7-x | 1 mΩ   | Rated impulse withstand voltage | 6 kV              |
| Pollution severity                           | 3      |                                 |                   |

## UL rating data

|                                            |        |                                            |        |
|--------------------------------------------|--------|--------------------------------------------|--------|
| Certificate No. (cURus)                    | E60693 | Conductor size Factory wiring max. (cURus) | 10 AWG |
| Conductor size Factory wiring min. (cURus) | 26 AWG | Conductor size Field wiring max. (cURus)   | 10 AWG |
| Conductor size Field wiring min. (cURus)   | 26 AWG | Current size B (cURus)                     | 24 A   |
| Current size C (cURus)                     | 24 A   | Current size D (cURus)                     | 5 A    |
| UL_current_Print                           | 24 A   | UL_voltage_Print                           | 600 V  |
| UL_wire_max_Print                          | 10 AWG | UL_wire_min_Print                          | 26 AWG |
| Voltage size B (cURus)                     | 600 V  | Voltage size C (cURus)                     | 600 V  |
| Voltage size D (cURus)                     | 600 V  |                                            |        |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000902    | ETIM 7.0    | EC000902    |
| ECLASS 9.0  | 27-14-11-26 | ECLASS 9.1  | 27-14-11-26 |
| ECLASS 10.0 | 27-14-11-26 | ECLASS 11.0 | 27-14-11-26 |

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## Technical data

## Approvals

Approvals



|                       |         |
|-----------------------|---------|
| ROHS                  | Conform |
| UL File Number Search | E60693  |

## Downloads

|                                             |                                                                                                                                                                |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">EAC certificate</a><br><a href="#">DNVGL certificate</a><br><a href="#">Declaration of Conformity</a><br><a href="#">Declaration of Conformity</a> |
| Engineering Data                            | <a href="#">STEP</a>                                                                                                                                           |
| Engineering Data                            | <a href="#">EPLAN, WSCAD, Zuken E3.S</a>                                                                                                                       |
| User Documentation                          | <a href="#">Usage of terminals in EXi atmospheres</a><br><a href="#">StorageConditionsTerminalBlocks</a>                                                       |

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## Drawings

