

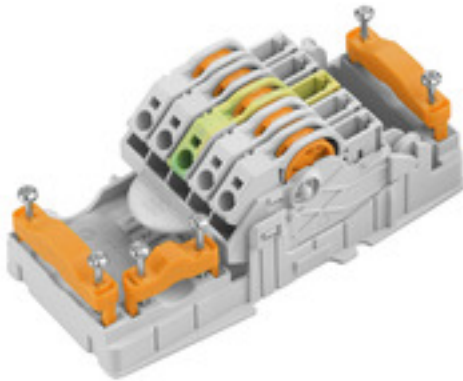
**PT6 1-2-PE-3-4****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Power distribution using uncut cables with cross-sections from 1.5 to 6 mm<sup>2</sup>.

Power supply / T-branch tap via PUSH IN connection (0.5 to 10 mm<sup>2</sup>) and/or plug-in connection (0.5 to 4 mm<sup>2</sup>).

Coloured markings provide clear assignment of wires.

- Power supply
- Power distribution
- Power branching

**General ordering data**

|            |                            |
|------------|----------------------------|
| Order No.  | <a href="#">2673470000</a> |
| Type       | PT6 1-2-PE-3-4             |
| GTIN (EAN) | 4050118703115              |
| Qty.       | 1 pc(s).                   |

## PT6 1-2-PE-3-4

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## Technical data

## Dimensions and weights

|            |          |                 |            |
|------------|----------|-----------------|------------|
| Depth      | 54 mm    | Depth (inches)  | 2.126 inch |
| Height     | 139.5 mm | Height (inches) | 5.492 inch |
| Width      | 61.5 mm  | Width (inches)  | 2.421 inch |
| Net weight | 197 g    |                 |            |

## Temperatures

|                     |                |                       |                |
|---------------------|----------------|-----------------------|----------------|
| Storage temperature | -40 °C...85 °C | Operating temperature | -40 °C...55 °C |
|---------------------|----------------|-----------------------|----------------|

## Clamping capacity, IDC connection - PT6

|  |                     |  |                   |
|--|---------------------|--|-------------------|
| Blade size   | 0.6 x 3.5 mm        | Connection cross-section, finely stranded, max.      | 6 mm <sup>2</sup> |
| Connection cross-section, finely stranded, min.      | 2.5 mm <sup>2</sup> | Connection cross-section, stranded, max.             | 6 mm <sup>2</sup> |
| Connection cross-section, stranded, min.             | 2.5 mm <sup>2</sup> | Wire connection cross section, finely stranded, max. | 6 mm <sup>2</sup> |
| Wire connection cross section, finely stranded, min. | 2.5 mm <sup>2</sup> | Wire cross-section, solid, max.                      | 6 mm <sup>2</sup> |
| Wire cross-section, solid, min.                      | 1.5 mm <sup>2</sup> |  |                   |

## Clamping capacity, PUSH IN connection - PT6

|  |                     |  |                     |
|--|---------------------|--|---------------------|
| Blade size   | 0.6 x 3.5 mm        | Blade size, PUSH IN connection   | 0.6 x 3.5 mm        |
| Cross-section for connected wire PUSH IN connection, solid, min.   | 0.5 mm <sup>2</sup> | Cross-section for connected wire, PUSH IN connection, solid, max.  | 6 mm <sup>2</sup>   |
| Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/1, PUSH IN connection, max. | 6 mm <sup>2</sup>   | Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/1, PUSH IN connection, min. | 0.5 mm <sup>2</sup> |
| Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/4, PUSH IN connection, max. | 6 mm <sup>2</sup>   | Cross-section for connected wire, flexible with wire-end ferrules, 12mm with plastic collar, DIN 46228/4, PUSH IN connection, min. | 0.5 mm <sup>2</sup> |
| Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/1, PUSH IN connection, max.  | 6 mm <sup>2</sup>   | Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/1, PUSH IN connection, min.  | 0.5 mm <sup>2</sup> |
| Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/4, PUSH IN connection, max.  | 6 mm <sup>2</sup>   | Cross-section for connected wire, flexible with wire-end ferrules, 8mm with plastic collar, DIN 46228/4, PUSH IN connection, min.  | 0.5 mm <sup>2</sup> |
| Cross-section for connected wire, flexible, PUSH IN connection, max.   | 10 mm <sup>2</sup>  | Cross-section for connected wire, flexible, PUSH IN connection, min.   | 0.5 mm <sup>2</sup> |
| Finely-stranded flexible, max. PUSH IN connection  | 6 mm <sup>2</sup>   | Finely-stranded flexible, min. PUSH IN connection  | 0.5 mm <sup>2</sup> |
| Stripping length, PUSH IN connection   | 14 mm               | Wire connection cross section, stranded, PUSH IN connection, max.  | 6 mm <sup>2</sup>   |
| Wire connection cross section, stranded, PUSH IN connection, min.  | 0.5 mm <sup>2</sup> |  |                     |

## General data

|                           |      |                     |                       |
|---------------------------|------|---------------------|-----------------------|
| Can be coded              | Yes  | Connection 2        | PTS4 plug, PTDS4 plug |
| Material colour           | grey | Protection degree   | IP20                  |
| Silicone                  | No   | Insulating material | PA                    |
| UL 94 flammability rating | V-0  |                     |                       |

Creation date May 2, 2022 9:12:51 AM CEST

Catalogue status 22.04.2022 / We reserve the right to make technical changes.

2

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## Technical data

## Rated data acc. to IEC

|                                 |                   |               |      |
|---------------------------------|-------------------|---------------|------|
| Rated cross-section             | 6 mm <sup>2</sup> | Rated current | 41 A |
| Rated impulse withstand voltage | 8 kV              | Rated voltage | 800  |
| Standards                       | UL 1059           |               |      |

## Rated data acc. to UL

|   |         |   |        |
|---|---------|---|--------|
| Rated current (Use group D / UL 1059)   | 30 A    | Rated voltage (Use group D / UL 1059)   | 600 V  |
| Standards                               | UL 1059 | Wire connection cross section AWG, max. | AWG 10 |
| Wire connection cross section AWG, min. | AWG 14  |   |        |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002498    | ETIM 7.0    | EC002498    |
| ETIM 8.0    | EC002498    | ECLASS 9.0  | 27-14-25-90 |
| ECLASS 9.1  | 27-14-25-90 | ECLASS 10.0 | 27-14-25-90 |
| ECLASS 11.0 | 27-14-25-90 |             |             |

## Approvals

Approvals



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

## Downloads

|   |   |
|---|---|
| Approval/Certificate/Document of Conformity | <a href="#">UL Certificate FieldPower® terminals and plug-in connectors</a><br><a href="#">Manufacturer's Declaration FieldPower® BOX, BOX FUSE and Terminal variants</a> |
| User Documentation                          | <a href="#">Manual FieldPower® PT6 IEC cURus</a>  |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>  |

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**Drawings**

