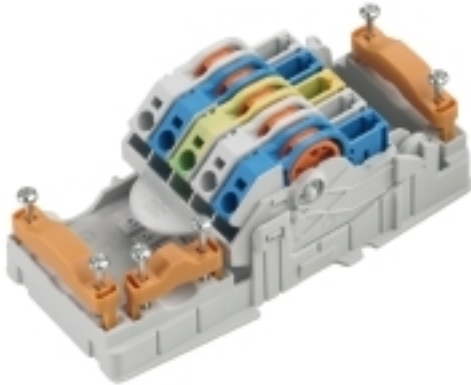


**PT6 DC****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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**

|            |                                                                                                               |
|------------|---------------------------------------------------------------------------------------------------------------|
| Version    | FieldPower® contact element, DC, IP20, Insulation displacement connection (IDC), PUSH IN, Number of poles : 5 |
| Order No.  | <a href="#">1126840000</a>                                                                                    |
| Type       | PT6 DC                                                                                                        |
| GTIN (EAN) | 4032248908462                                                                                                 |
| Qty.       | 1 pc(s).                                                                                                      |

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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 | 191.15 g |                 |            |

## Temperatures

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

## Clamping capacity

| Connection data - contact element power bus | Wire connection method                                    | Insulation displacement connection (IDC) |
|---------------------------------------------|-----------------------------------------------------------|------------------------------------------|
|                                             | Blade size of operating tool                              | 0.6 x 3.5 mm                             |
|                                             | Number of poles                                           | 5                                        |
|                                             | Conductor connection cross-section, solid, max.           | 6 mm <sup>2</sup>                        |
|                                             | Conductor connection cross-section, solid, min.           | 1.5 mm <sup>2</sup>                      |
|                                             | Conductor connection cross-section, stranded, max.        | 6 mm <sup>2</sup>                        |
|                                             | Conductor connection cross-section, stranded, min.        | 2.5 mm <sup>2</sup>                      |
|                                             | Conductor connection cross-section, finely stranded, max. | 6 mm <sup>2</sup>                        |
|                                             | Conductor connection cross-section, finely stranded, min. | 2.5 mm <sup>2</sup>                      |
|                                             | Conductor connection cross-section, finest stranded, max. | 6 mm <sup>2</sup>                        |
|                                             | Conductor connection cross-section, finest stranded, min. | 2.5 mm <sup>2</sup>                      |

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## Technical data

|                                                       |                                                           |                          |                           |
|-------------------------------------------------------|-----------------------------------------------------------|--------------------------|---------------------------|
| Connection data - contact element<br>Branch / Feed-in | Wire connection method                                    |                          | PUSH IN                   |
|                                                       | Blade size of operating tool                              |                          | 0.6 x 3.5 mm              |
|                                                       | Number of poles                                           |                          | 5                         |
|                                                       | Conductor connection cross-section, solid, max.           |                          | 6 mm <sup>2</sup>         |
|                                                       | Conductor connection cross-section, solid, min.           |                          | 0.5 mm <sup>2</sup>       |
|                                                       | Conductor connection cross-section, stranded, max.        |                          | 6 mm <sup>2</sup>         |
|                                                       | Conductor connection cross-section, stranded, min.        |                          | 0.5 mm <sup>2</sup>       |
|                                                       | Conductor connection cross-section, finely stranded, max. |                          | 10 mm <sup>2</sup>        |
|                                                       | Conductor connection cross-section, finely stranded, min. |                          | 0.5 mm <sup>2</sup>       |
|                                                       | Conductor connection cross-section, finest stranded, max. |                          | 6 mm <sup>2</sup>         |
|                                                       | Conductor connection cross-section, finest stranded, min. |                          | 0.5 mm <sup>2</sup>       |
|                                                       | Conductor connection cross-section with wire end ferrule  | Type of wire end ferrule | 12 mm with plastic collar |
|                                                       |                                                           | Standard                 | DIN 46228/1               |
|                                                       |                                                           | Cross-section, min.      | 0.5 mm <sup>2</sup>       |
|                                                       |                                                           | Cross-section, max.      | 6 mm <sup>2</sup>         |
|                                                       |                                                           | Type of wire end ferrule | 12 mm with plastic collar |
|                                                       |                                                           | Standard                 | DIN 46228/4               |
|                                                       |                                                           | Cross-section, min.      | 0.5 mm <sup>2</sup>       |
|                                                       |                                                           | Cross-section, max.      | 6 mm <sup>2</sup>         |
|                                                       |                                                           | Type of wire end ferrule | 8 mm with plastic collar  |
|                                                       |                                                           | Standard                 | DIN 46228/1               |
|                                                       |                                                           | Cross-section, min.      | 0.5 mm <sup>2</sup>       |
|                                                       |                                                           | Cross-section, max.      | 6 mm <sup>2</sup>         |
|                                                       |                                                           | Type of wire end ferrule | 8 mm with plastic collar  |
|                                                       |                                                           | Standard                 | DIN 46228/4               |
|                                                       |                                                           | Cross-section, min.      | 0.5 mm <sup>2</sup>       |
|                                                       |                                                           | Cross-section, max.      | 6 mm <sup>2</sup>         |
|                                                       |                                                           | Type of wire end ferrule | Twin wire-end ferrules    |
|                                                       |                                                           | Cross-section, min.      | 0.5 mm <sup>2</sup>       |
|                                                       |                                                           | Cross-section, max.      | 6 mm <sup>2</sup>         |

## General data

|                              |                               |                        |                                                   |
|------------------------------|-------------------------------|------------------------|---------------------------------------------------|
| Insulating material          | Polyamide                     | Silicone               | No                                                |
| Colour                       | grey                          | Protection degree      | IP20                                              |
| UL 94 flammability rating    | V-0                           | Can be coded           | Yes, Coded on PE                                  |
| Voltage type                 | DC                            | Number of poles        | 5                                                 |
| Number of connections / pole | 1                             | Wire connection method | Insulation displacement connection (IDC), PUSH IN |
| Type of connection 2         | FieldPower® plug PTS 4, PTDS4 |                        |                                                   |

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## Technical data

## Rated data acc. to IEC

|                                            |                                 |                              |
|--------------------------------------------|---------------------------------|------------------------------|
| Rated data acc. to IEC for contact element | Voltage type                    | DC                           |
|                                            | Number of phases                | 3                            |
|                                            | Standard                        | IEC 60947-7-1, IEC 60947-7-2 |
|                                            | Rated voltage                   | 800 V                        |
|                                            | Rated impulse withstand voltage | 8 kV                         |
|                                            | Rated current (3 loaded poles)  | 41 A                         |
|                                            | Rated current (4 loaded poles)  | 25 A                         |

## Rated data acc. to UL

|                                           |                                               |                                     |
|-------------------------------------------|-----------------------------------------------|-------------------------------------|
| Rated data acc. to UL for contact element | Standard                                      | UL 1059                             |
|                                           | Note                                          | for use with UL-listed TC-ER cables |
|                                           | Conductor connection cross-section, AWG, max. | AWG 10                              |
|                                           | Conductor connection cross-section, AWG, min. | AWG 14                              |
|                                           | Rated voltage                                 | 600 V                               |
|                                           | Rated current                                 | 30 A                                |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002498    | ETIM 7.0    | EC002498    |
| ETIM 8.0    | EC002498    | ETIM 9.0    | EC002498    |
| ETIM 10.0   | 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 | ECLASS 12.0 | 27-14-25-90 |
| ECLASS 13.0 | 27-14-25-90 | ECLASS 14.0 | 27-14-25-90 |
| ECLASS 15.0 | 27-14-25-90 |             |             |

## Environmental Product Compliance

|                        |                             |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC             | No SVHC above 0.1 wt%       |

## Approvals

Approvals



|                         |                                                                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approvals MAMID         | <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/</a> |
| ROHS                    | Conform                                                                                                                                                                     |
| UL File Number Search   | UL Website                                                                                                                                                                  |
| Certificate No. (cURus) | 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> |
| Engineering Data                            | <a href="#">CAD data – STEP</a>                                                                                                                                           |
| User Documentation                          | <a href="#">Manual FieldPower® PT6 IEC cURus</a>                                                                                                                          |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                                                                                                                                  |

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## Drawings

