

**TBF 60/37/18 7035****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Similar to illustration**

The enclosures of the TBF series are made of extremely tough glass fibre-reinforced polyester. These enclosures are ideal for applications that call for low weight coupled with high shock resistance. The weather-resistant TBF enclosures are designed for a wide range of applications. Together with their comprehensive range of accessories, they provide universal solutions for accommodating built-in items such as regulators, measuring instruments, valves and other equipment.

**Features:**

- 9 sizes in 2 versions, with grey and transparent lids
- Cover with nylon screws
- Fixing holes outside the sealed area
- Thread for fitting to terminal rails and mounting plates
- Comprehensive accessories
- Weidmüller can manufacture and supply this enclosure to match customer specifications, fitted with all necessary terminals and cable glands.

**General ordering data**

|            |   |
|------------|---|
| Version    | TBF (polyester empty enclosure), Empty enclosure, Height: 603 mm, Width: 372 mm, Depth: 175 mm, Material: Glass fibre-reinforced polyester, untreated, Light Grey |
| Order No.  | <a href="#">9502820000</a>  |
| Type       | TBF 60/37/18 7035   |
| GTIN (EAN) | 4032248025473   |
| Qty.       | 1 pc(s).  |

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## Technical data

### Dimensions and weights

|            |         |                 |             |
|------------|---------|-----------------|-------------|
| Depth      | 175 mm  | Depth (inches)  | 6.89 inch   |
| Height     | 603 mm  | Height (inches) | 23.74 inch  |
| Width      | 372 mm  | Width (inches)  | 14.646 inch |
| Net weight | 5,000 g |                 |             |

### Temperatures

|                       |                 |
|-----------------------|-----------------|
| Operating temperature | -50 °C...130 °C |
|-----------------------|-----------------|

### Cable glands, right

|     |    |     |    |
|-----|----|-----|----|
| M12 | 88 | M16 | 48 |
| M20 | 40 | M25 | 20 |
| M32 | 8  | M40 | 6  |
| M50 | 6  | M63 | 4  |

### Cable glands, top/bottom

|     |    |     |    |
|-----|----|-----|----|
| M12 | 52 | M16 | 30 |
| M20 | 26 | M25 | 12 |
| M32 | 5  | M40 | 4  |
| M50 | 4  | M63 | 3  |

### Certificate numbers enclosure

|   |                               |
|---|-------------------------------|
| Declaration of Conformity No. (DoC LVD) | DoC DE PS2422 230801 001ISS00 |
|---|-------------------------------|

### General information

|                             |   |                             |  |
|-----------------------------|---|-----------------------------|--|
| Access opening: height      | 578 mm  | Access opening: width       | 347 mm   |
| Areas of use                | Building systems and technology, Transportation, Packaging industry, Machine construction | Enclosure attachment        | 6.5 mm hole in enclosure base  |
| Flange plate                | No  | Impact resistance           | IK08 in accordance with IEC 62208, IK10 in accordance with IEC 62262 |
| Installation advice         | Screw mounting  | Integral fixing             | 4 or 6 stud bolts M6 inner (female) thread                           |
| Lid                         | Yes   | Lid attachment              | Crosshead nylon screws   |
| Material                    | Glass fibre-reinforced polyester  | Number of lid screws        | 6  |
| Operating temperature, max. | 130 °C  | Operating temperature, min. | -50 °C   |
| Protection degree           | IP67  | Seal material               | Polyurethane   |
| Standards                   | IEC 60529, EN 60529, EN 62208, EN/IEC 61439-2   | Surface finish              | untreated  |
| Torque for lid screws       | 1.5 Nm  | Toxicity                    | Free from halogens   |
| UL 94 flammability rating   | HB  |                             |  |

### horizontal assembly

|                             |       |                 |      |
|-----------------------------|-------|-----------------|------|
| WDU 10 / ZDU 10             | 2x51  | WDU 16 / ZDU 16 | 2x37 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 2x101 | WDU 35 / ZDU 35 | 2x32 |
| WDU 4 / ZDU 4               | 2x85  | WDU 6 / ZDU 6   | 2x64 |

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Catalogue status 29.06.2024 / We reserve the right to make technical changes.

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|                             |      |                 |      |
|-----------------------------|------|-----------------|------|
| WDU 10 / ZDU 10             | 5x29 | WDU 16 / ZDU 16 | 5x21 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 5x57 | WDU 35 / ZDU 35 | 5x18 |
| WDU 4 / ZDU 4               | 5x48 | WDU 6 / ZDU 6   | 5x36 |

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000261    | ETIM 7.0    | EC000261    |
| ETIM 8.0    | EC000261    | ETIM 9.0    | EC000261    |
| ECLASS 9.0  | 27-18-01-01 | ECLASS 9.1  | 27-18-92-90 |
| ECLASS 10.0 | 27-18-01-01 | ECLASS 11.0 | 27-18-01-01 |
| ECLASS 12.0 | 27-18-01-01 | ECLASS 13.0 | 27-18-01-01 |

**Environmental Product Compliance**

REACH SVHC /

**Approvals**

ROHS Conform

**Downloads**

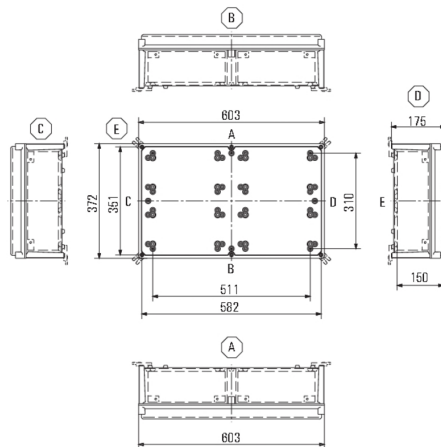
|   |   |
|---|---|
| Approval/Certificate/Document of Conformity | <a href="#">EU Declaration of Conformity - TBF Empty Enclosures - DoC DE PS2420 220224 002ISS00</a> |
| Engineering Data                            | <a href="#">CAD data – STEP</a>   |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>  |
| Brochures                                   |   |

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## Drawings



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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****External fixing lugs**

The enclosures of the TBF series are made of extremely tough glass fibre-reinforced polyester. These enclosures are ideal for applications that call for low weight coupled with high shock resistance. The weather-resistant TBF enclosures are designed for a wide range of applications. Together with their comprehensive range of accessories, they provide universal solutions for accommodating built-in items such as regulators, measuring instruments, valves and other equipment.

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**General ordering data**

| Type       | MF TBF                     | Version  |
|------------|----------------------------|--|
| Order No.  | <a href="#">0360800000</a> | TBF (polyester empty enclosure), Mounting foot, Fixing lugs, Height: |
| GTIN (EAN) | 4008190108595              | 72.5 mm, Width: 24 mm, Depth: 12 mm, Material: Polyamide, Deep       |
| Qty.       | 1 pc(s).                   | black  |

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## Accessories

## Klippon® POK earthing stud



The Klippon® POK enclosure range is made from a high-quality glass fibre reinforced polyester and is ideal for applications and environments where corrosion resistance, impact resistance and a high IP protection class are a requirement.

Key features of the extensive product range:

- Available in 17 sizes
- Two standard finishes (colours): grey (similar to RAL 7001 for industrial use) and black (similar to RAL 9011 for harsh environments, Ex)
- Cover with stainless steel screws in cross-head / slotted design
- Moulded gasket made of silicone or chloroprene
- Fixing holes outside the sealed area to ensure high ingress protection of IP66
- Impact resistance up to 7 Joules
- Mounting directly in the enclosure or using an internal mounting plate
- Direct wall mounting possible using fixing holes or mounting feet
- Fastening thread to attach mounting rails and plates
- Up to E60 fire rating dependent on the configuration
- Weidmüller can manufacture and supply this enclosure to match customer specifications - fitted with all necessary terminals and cable glands.

## General ordering data

|            |                            |   |
|------------|----------------------------|---|
| Type       | PEBZ M6 BR SET             | Version   |
| Order No.  | <a href="#">1277250000</a> | Klippon POK (polyester empty enclosure), Earthing stud,       |
| GTIN (EAN) | 4050118067149              | Miscellaneous, Height: 12.3 mm, Width: 12.3 mm, Depth: 42 mm, |
| Qty.       | 1 pc(s).                   | Material: Brass   |
| Type       | PEBZ M6 S4 SET             | Version   |
| Order No.  | <a href="#">1283430000</a> | Klippon POK (polyester empty enclosure), Earthing stud,       |
| GTIN (EAN) | 4050118073607              | Miscellaneous, Height: 12.3 mm, Width: 12.3 mm, Depth: 42 mm, |
| Qty.       | 1 pc(s).                   | Material: Stainless steel 1.4404 (316L)                       |
| Type       | PEBZ M10 BR SET            | Version   |
| Order No.  | <a href="#">1277220000</a> | Klippon POK (polyester empty enclosure), Earthing stud,       |
| GTIN (EAN) | 4050118067019              | Miscellaneous, Height: 21 mm, Width: 21 mm, Depth: 48.7 mm,   |
| Qty.       | 1 pc(s).                   | Material: Brass   |
| Type       | PEBZ M10 S4 SET            | Version   |
| Order No.  | <a href="#">1283440000</a> | Klippon POK (polyester empty enclosure), Earthing stud,       |
| GTIN (EAN) | 4050118073362              | Miscellaneous, Height: 21 mm, Width: 21 mm, Depth: 48.7 mm,   |
| Qty.       | 1 pc(s).                   | Material: Stainless steel 1.4404 (316L)                       |

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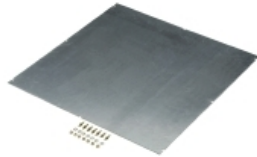
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## Accessories

## Mounting plate



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|            |                            |  |
|------------|----------------------------|--|
| Type       | MP TBF 60/37               | Version  |
| Order No.  | <a href="#">9502910000</a> | TBF (polyester empty enclosure), Mounting plate, Mounting plate,   |
| GTIN (EAN) | 4008190994914              | Height: 550 mm, Width: 319 mm, Depth: 2 mm, Material: Sheet steel, |
| Qty.       | 1 pc(s).                   | galvanized, galvanized, silver                                     |

## Ventilation plugs - DAE



In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

## General ordering data

|            |                            |   |
|------------|----------------------------|---|
| Type       | DAE M12 PA LONG            | Version   |
| Order No.  | <a href="#">1868570000</a> | DAE (ventilation element), Compensating element, straight, M 12, 10 |
| GTIN (EAN) | 4032248440429              | mm, IP66, IP68, IP69K, Polyamide 6                                  |
| Qty.       | 10 pc(s).                  |   |
| Type       | DAE M12 SS                 | Version   |
| Order No.  | <a href="#">1868550000</a> | DAE (ventilation element), Compensating element, straight, M 12, 10 |
| GTIN (EAN) | 4032248440405              | mm, IP66, IP68, IP69K, Stainless steel 1.4305 (303)                 |
| Qty.       | 10 pc(s).                  |   |