

TBF 60/30/18 7035**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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: 302 mm, Depth: 175 mm, Material: Glass fibre-reinforced polyester, untreated, Light Grey |
| Order No. | 0360500000 |
| Type | TBF 60/30/18 7035 |
| GTIN (EAN) | 4032248025169 |
| 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 | 302 mm | Width (inches) | 11.89 inch |
| Net weight | 4,479 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 | 44 | M16 | 24 |
| M20 | 20 | M25 | 10 |
| M32 | 4 | M40 | 3 |
| M50 | 3 | M63 | 2 |

Certificate numbers enclosure

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

General information

| | | | |
|-----------------------------|---|-----------------------------|--|
| Access opening: height | 578 mm | Access opening: width | 276 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 | 1x51 | WDU 16 / ZDU 16 | 1x37 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 1x101 | WDU 35 / ZDU 35 | 1x32 |
| WDU 4 / ZDU 4 | 1x85 | WDU 6 / ZDU 6 | 1x64 |

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www.weidmueller.com**Technical data****vertical assembly**

| | | | |
|-----------------------------|------|-----------------|------|
| WDU 10 / ZDU 10 | 5x22 | WDU 16 / ZDU 16 | 5x16 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 5x44 | WDU 35 / ZDU 35 | 5x14 |
| WDU 4 / ZDU 4 | 5x37 | WDU 6 / ZDU 6 | 5x28 |

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 |

Approvals

| | |
|------|---------|
| ROHS | Conform |
|------|---------|

Downloads

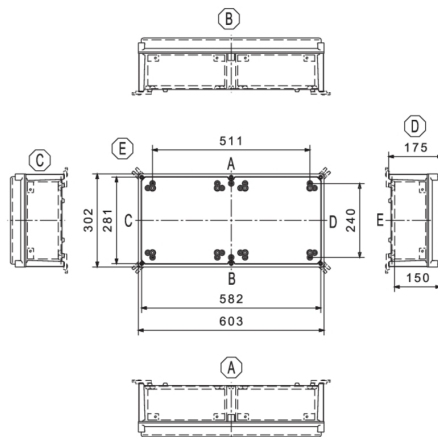
| | |
|---|---|
| Approval/Certificate/Document of Conformity | EU Declaration of Conformity - TBF Empty Enclosures - DoC DE PS2420 220224 002ISS00 |
| Engineering Data | CAD data – STEP |
| Catalogues | Catalogues in PDF-format |
| Brochures | |

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Drawings



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Accessories

External fixing lugs



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General ordering data

| Type | MF TBF | Version |
|------------|----------------------------|--|
| Order No. | 0360800000 | 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 |

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 SS | Version |
|------------|----------------------------|---|
| Order No. | 1868550000 | 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). | |
| Type | DAE M12 PA LONG | Version |
| Order No. | 1868570000 | DAE (ventilation element), Compensating element, straight, M 12, 10 |
| GTIN (EAN) | 4032248440429 | mm, IP66, IP68, IP69K, Polyamide 6 |
| Qty. | 10 pc(s). | |

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Accessories

Earthing stud

Accessories



General ordering data

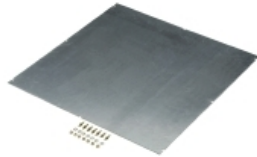
| | | |
|------------|----------------------------|---|
| Type | PEBZ M10 S4 SET | Version |
| Order No. | 1283440000 | Klippon POK (polyester empty enclosure), Earthing stud, |
| GTIN (EAN) | 4050118073362 | Miscellaneous, Height: 21 mm, Width: 21 mm, Depth: 48.7 mm, |
| Qty. | 1 pc(s). | Material: Stainless steel 1.4404 (316L) |
| Type | PEBZ M6 BR SET | Version |
| Order No. | 1277250000 | 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. | 1283430000 | 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. | 1277220000 | 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 |

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www.weidmueller.com**Accessories****Mounting plate**

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General ordering data

| | | |
|------------|----------------------------|--|
| Type | MP TBF 60/30 | Version |
| Order No. | 9502750000 | TBF (polyester empty enclosure), Mounting plate, Mounting plate, |
| GTIN (EAN) | 4008190994891 | Height: 550 mm, Width: 249 mm, Depth: 2 mm, Material: Sheet steel, |
| Qty. | 1 pc(s). | galvanized, galvanized, silver |