

TBF 60/37/18 7035

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmuller.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, Basic material: Glass fibre-reinforced polyester, untreated, Light Grey |
| Order No. | 9502820000 |
| Type | TBF 60/37/18 7035 |
| GTIN (EAN) | 4032248025473 |
| Qty. | 1 items |

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Technical data

Approvals

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

Dimensions and weights

| | | | |
|------------|--------|-----------------|--------------|
| Depth | 175 mm | Depth (inches) | 6.8898 inch |
| Height | 603 mm | Height (inches) | 23.7401 inch |
| Width | 372 mm | Width (inches) | 14.6456 inch |
| Net weight | 5000 g | | |

Temperatures

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

Environmental Product Compliance

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

Cable glands, right

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

Cable glands, top/bottom

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

Certificate numbers enclosure

| | |
|---|----------------------------------|
| Declaration of Conformity No. (DoC LVD) | DoC DE PS2420 220224 002ISS01 |
|---|----------------------------------|

General information

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

Technical data

| | |
|--------------|---|
| Areas of use | Building systems and technology, Transportation, Packaging industry, Machine construction |
|--------------|---|

horizontal assembly

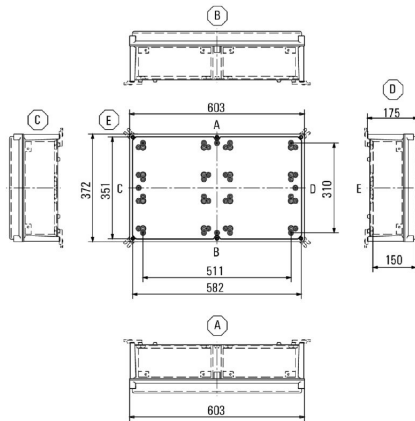
| | | | |
|-----------------------------|-------|-----------------|------|
| WDU 10 / ZDU 10 | 2x51 | WDU 16 / ZDU 16 | 2x37 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 2x101 | WDU 35 / ZDU 35 | 2x32 |
| WDU 4 / ZDU 4 | 2x85 | WDU 6 / ZDU 6 | 2x64 |

vertical assembly

| | | | |
|-----------------------------|------|-----------------|------|
| 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 8.0 | EC000261 | ETIM 9.0 | EC000261 |
| ETIM 10.0 | EC000261 | ECLASS 14.0 | 27-18-01-01 |
| ECLASS 15.0 | 27-18-01-01 | | |



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. | 0360800000 | TBF (polyester empty enclosure), Mounting foot, Fixing lugs, Height: |
| GTIN (EAN) | 4008190108595 | 72.5 mm, Width: 24 mm, Depth: 12 mm, Basic material: Polyamide, |
| Qty. | 1 ST | Polyamide 66, Deep black |

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.

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Accessories

General ordering data

| | | |
|------------|----------------------------|---|
| 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 ST | Basic material: Brass |

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 ST | Basic material: Stainless steel 1.4404 (316L) |

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Accessories

General ordering data

| | | |
|------------|----------------------------|---|
| 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 ST | Basic material: Brass |

Earthing stud

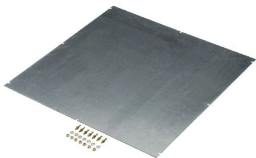


Earthing bolts to exchange as a complete component in two versions – brass and stainless steel.

General ordering data

| | | |
|------------|----------------------------|---|
| 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 ST | Basic material: Stainless steel 1.4404 (316L) |

Mounting plate



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| | | |
|------------|----------------------------|--|
| Type | MP TBF 60/37 | Version |
| Order No. | 9502910000 | TBF (polyester empty enclosure), Mounting plate, Mounting plate, |
| GTIN (EAN) | 4008190994914 | Height: 550 mm, Width: 319 mm, Depth: 2 mm, Basic material: |
| Qty. | 1 ST | Sheet steel, galvanized, galvanized, silver |

Accessories

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. | 1868570000 | DAE (ventilation element), Compensating element, straight, M 12, 10 |
| GTIN (EAN) | 4032248440429 | mm, IP66, IP68, IP69K, Polyamide 6 |
| Qty. | 10 ST | |
| 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 ST | |