

TBF 37/30/18 TRSP**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: 372 mm, Width: 302 mm, Depth: 175 mm, Material: Glass fibre-reinforced polyester, untreated, Light Grey, Transparent |
| Order No. | 0500800000 |
| Type | TBF 37/30/18 TRSP |
| GTIN (EAN) | 4008190089672 |
| Qty. | 1 pc(s). |

TBF 37/30/18 TRSP

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

| | | | |
|------------|---------|-----------------|-------------|
| Depth | 175 mm | Depth (inches) | 6.89 inch |
| Height | 372 mm | Height (inches) | 14.646 inch |
| Width | 302 mm | Width (inches) | 11.89 inch |
| Net weight | 2,465 g | | |

Temperatures

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

Cable glands, right

| | | | |
|-----|----|-----|----|
| M12 | 56 | M16 | 30 |
| M20 | 27 | M25 | 12 |
| M32 | 5 | M40 | 4 |
| M50 | 4 | M63 | 3 |

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 | 348 mm | Access opening: width | 278 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 | 4 |
| Operating temperature, max. | 130 °C | Operating temperature, min. | -50 °C |
| Protection degree | IP66 | 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 | V-2 | | |

horizontal assembly

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

TBF 37/30/18 TRSP**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

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

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 | |

TBF 37/30/18 TRSP

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

www.weidmueller.com

Drawings

