

TBF 30/30/18 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: 302 mm, Width: 302 mm, Depth: 175 mm, Material: Glass fibre-reinforced polyester, Light Grey, Transparent |
| Order No. | 0500700000 |
| Type | TBF 30/30/18 TRSP |
| GTIN (EAN) | 4032248025145 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|------------|---------|-----------------|------------|
| Depth | 175 mm | Depth (inches) | 6.89 inch |
| Height | 302 mm | Height (inches) | 11.89 inch |
| Width | 302 mm | Width (inches) | 11.89 inch |
| Net weight | 2,000 g | | |

Temperatures

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

Cable glands, right

| | | | |
|-----|----|-----|----|
| M12 | 44 | M16 | 24 |
| M20 | 20 | M25 | 10 |
| M32 | 4 | M40 | 3 |
| M50 | 3 | M63 | 2 |

Cable glands, top/bottom

| | | | |
|-----|----|-----|----|
| M12 | 44 | M16 | 24 |
| M20 | 20 | M25 | 10 |
| M32 | 4 | M40 | 3 |
| M50 | 3 | M63 | 2 |

Certificate numbers enclosure

| | | | |
|-----------------------|---------------------|------------------------------------|---|
| Certificate No. (EAC) | RUC-DE.BE02.B.00173 | Certificate no. Terminal Box (EAC) | RU C-DE.BE02.B.00173 Ind. Terminal Box |
|-----------------------|---------------------|------------------------------------|---|

General information

| | | | |
|-----------------------------|---|-----------------------------|--|
| Access opening: height | 276 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 |
| 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 |
| Torque for lid screws | 1.5 Nm | Toxicity | Free from halogens |
| UL 94 flammability rating | V-2 | | |

horizontal assembly

| | | | |
|-----------------------------|------|-----------------|------|
| WDU 10 / ZDU 10 | 1x22 | WDU 16 / ZDU 16 | 1x16 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 1x44 | WDU 35 / ZDU 35 | 1x14 |
| WDU 4 / ZDU 4 | 1x37 | WDU 6 / ZDU 6 | 1x28 |

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Catalogue status 20.05.2022 / We reserve the right to make technical changes.

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Technical data**vertical 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 |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000261 | ETIM 7.0 | EC000261 |
| ETIM 8.0 | 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 |

Approvals

Approvals



ROHS

Conform

Downloads

| | |
|---|--|
| Approval/Certificate/Document of Conformity | RU C-DE.BE02.B.00173 - Ind. Terminal Box |
| Engineering Data | CAD data – STEP |
| Engineering Data | EPLAN, WSCAD |
| Catalogues | Catalogues in PDF-format |
| Brochures | |

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Drawings

