

TBF 60/37/21 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: 603 mm, Width: 372 mm, Depth: 210 mm, Basic material: Glass fibre-reinforced polyester, untreated, Light Grey, Transparent |
| Order No. | 9502860000 |
| Type | TBF 60/37/21 TRSP |
| GTIN (EAN) | 4008190994907 |
| Qty. | 1 items |

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Technical data

Approvals

ROHS Conform

Dimensions and weights

| | | | |
|------------|-----------|-----------------|--------------|
| Depth | 210 mm | Depth (inches) | 8.2677 inch |
| Height | 603 mm | Height (inches) | 23.7401 inch |
| Width | 372 mm | Width (inches) | 14.6456 inch |
| Net weight | 4060.32 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 | V-2 |
| 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 | IP66 |
| 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 |

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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 | | |

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Drawings

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