

## TBF 60/30/21 TRSP

**Weidmüller Interfaces GmbH & Co. KG**

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### 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: 210 mm, Material: Glass fibre-reinforced polyester, Miscellaneous, Light Grey, Transparent |
| Order No.  | <a href="#">0500900000</a>   |
| Type       | TBF 60/30/21 TRSP  |
| GTIN (EAN) | 4008190994921  |
| Qty.       | 1 pc(s).   |

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## Technical data

## Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 210 mm  | Depth (inches)  | 8.268 inch |
| Height     | 603 mm  | Height (inches) | 23.74 inch |
| Width      | 302 mm  | Width (inches)  | 11.89 inch |
| Net weight | 3,800 g |                 |            |

## Temperatures

|                             |                 |                             |        |
|-----------------------------|-----------------|-----------------------------|--------|
| Operating temperature       | -50 °C...130 °C | Operating temperature, min. | -50 °C |
| Operating temperature, max. | 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

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

## 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 |
| 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           | IP66   |
| Seal material               | Polyurethane  | Standards                   | IEC 60529, EN 60529, EN 62208, EN/IEC 61439-2                        |
| Surface finish              | Miscellaneous   | Torque for lid screws       | 1.5 Nm   |
| Toxicity                    | Free from halogens  | UL 94 flammability rating   | V-2  |

## 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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Catalogue status 18.02.2023 / We reserve the right to make technical changes.

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## 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    | 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 | <a href="#">RU C-DE.BE02.B.00173 - Ind. Terminal Box</a> |
| Engineering Data                            | <a href="#">CAD data – STEP</a>                          |
| Engineering Data                            | <a href="#">WSCAD</a>                                    |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                 |
| Brochures                                   |  |

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**Drawings**