

## TBF 30/19/18 TRSP

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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: 186 mm, Depth: 175 mm, Material: Glass fibre-reinforced polyester, Miscellaneous, Light Grey, Transparent
Order No.	<a href="#">0500600000</a>
Type	TBF 30/19/18 TRSP
GTIN (EAN)	4032248008742
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	186 mm	Width (inches)	7.323 inch
Net weight	1,520 g		

**Temperatures**

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

**Cable glands, right**

M12	53	M16	30
M20	22	M25	10
M32	5	M40	3
M50	3	M63	2

**Cable glands, top/bottom**

M12	28	M16	14
M20	11	M25	6
M32	3	M40	3
M50	1	M63	1

**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
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**General information**

Access opening: height	278 mm	Access opening: width	162 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
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	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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## Technical data

## vertical assembly

WDU 10 / ZDU 10	2x11	WDU 16 / ZDU 16	2x8
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x22	WDU 35 / ZDU 35	2x7
WDU 4 / ZDU 4	2x18	WDU 6 / ZDU 6	2x14

## 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**

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