

TBF 49/30/18 7035

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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: 488 mm, Width: 302 mm, Depth: 175 mm, Basic material: Glass fibre-reinforced polyester, untreated, Light Grey
Order No.	9502800000
Type	TBF 49/30/18 7035
GTIN (EAN)	4032248002191
Qty.	1 items

Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Depth	175 mm	Depth (inches)	6.8898 inch
Height	488 mm	Height (inches)	19.2126 inch
Width	302 mm	Width (inches)	11.8897 inch
Net weight	3580 g		

Temperatures

Operating temperature	-50 °C...130 °C
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Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Cable glands, right

M25	18	M63	4
M16	42	M40	5
M50	5	M32	7
M20	36	M12	42

Cable glands, top/bottom

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

Certificate numbers enclosure

Declaration of Conformity No. (DoC LVD)	DoC DE PS2420 220224 002ISS01
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General information

Toxicity	Free from halogens	Operating temperature, max.	130 °C
Operating temperature, min.	-50 °C	UL 94 flammability rating	HB
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	IP67
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	4
Access opening: width	276 mm	Flange plate	No
Lid	Yes	Access opening: height	462 mm

Technical data

Areas of use	Building systems and technology, Transportation, Packaging industry, Machine construction
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horizontal assembly

WDU 10 / ZDU 10	3x22	WDU 16 / ZDU 16	3x16
WDU 2,5 / ZDU 2,5 / IDU 2,5	3x44	WDU 35 / ZDU 35	3x14
WDU 4 / ZDU 4	3x37	WDU 6 / ZDU 6	3x28

vertical assembly

WDU 10 / ZDU 10	2x41	WDU 16 / ZDU 16	2x29
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x80	WDU 35 / ZDU 35	2x25
WDU 4 / ZDU 4	2x67	WDU 6 / ZDU 6	2x51

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		

Drawings

