



MBP 121290
Article No. 0201101100

Material: Polyester GRP
Protection class: IP66

MBP Enclosures are conform to the high standards required for applications within the mechanical engineering, shipbuilding, galvanic and petrochemical industry.

Besides good resistance to most solvents and acids, fibre glass reinforced Polyester is inflammable and self-extinguishing.

The enclosures are generally used as terminal enclosures or as command and information enclosures in chemically aggressive environments, such as refineries or road tunnels.



We would be glad to assist you!

MULTI-BOX GmbH

Wallücker Bahndamm 7
D-32278 Kirchlengern
Tel. +49 (0)5223 49107-0

info@multi-box.com
www.multi-box.com




Dimensions and weight

Length (mm)	122
Width (mm)	120
Height (mm)	90
Weight (g)	664

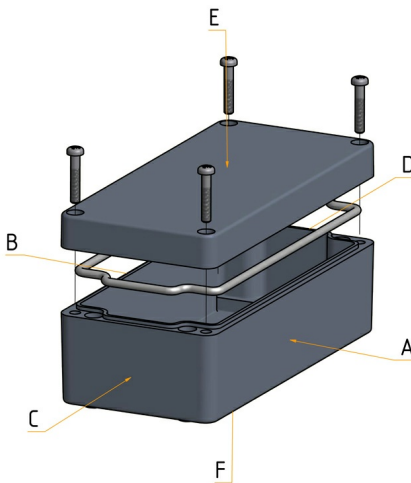
Color information

Color description cover	Light grey
RAL-code cover	7001
Color description base	Light grey
RAL-code base	7001

Technical Drawings

PDF	
DXF	
3D	





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Material information

Material cover	Polyester GRP
Material base	Polyester GRP
Material sealing	EPDM
Material screws	Stainless Steel V2 A
Silicone-free	<input checked="" type="checkbox"/>
Halogen-free	<input checked="" type="checkbox"/>
Material UL listed	<input checked="" type="checkbox"/>
UV-resistant	<input checked="" type="checkbox"/>

Temperature resistance and application areas

Permanent operating temperature max. (°C)	110
Permanent operating temperature min. (°C)	-40
Permanent operating temperature with special sealing max. (°C)	140
Permanent operating temperature with special sealing min. (°C)	-50
Suitable for outdoor use	<input checked="" type="checkbox"/>
Suitable for indoor use	<input checked="" type="checkbox"/>

Technical specifications








Protection class IP	66
Norm of protection class	DIN EN 60529
Flame retardancy	V0
UL-Subject	UL 94
Fully insulated	<input checked="" type="checkbox"/>
Captive cover screws	<input checked="" type="checkbox"/>
Assembly tool	PZ2
Tightening torque cover screws max. (Nm)	4.00
Tightening torque cover screws min. (Nm)	2.00
Tightening torque earthing screw max. (Nm)	2.70
Tightening torque earthing screw min. (Nm)	1.50



Modifications and Services

- Mechanical processing ✔
- Finishing and Assembly ✔
- Surface design ✔

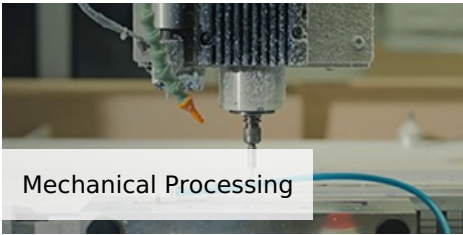
Equipment and accessories

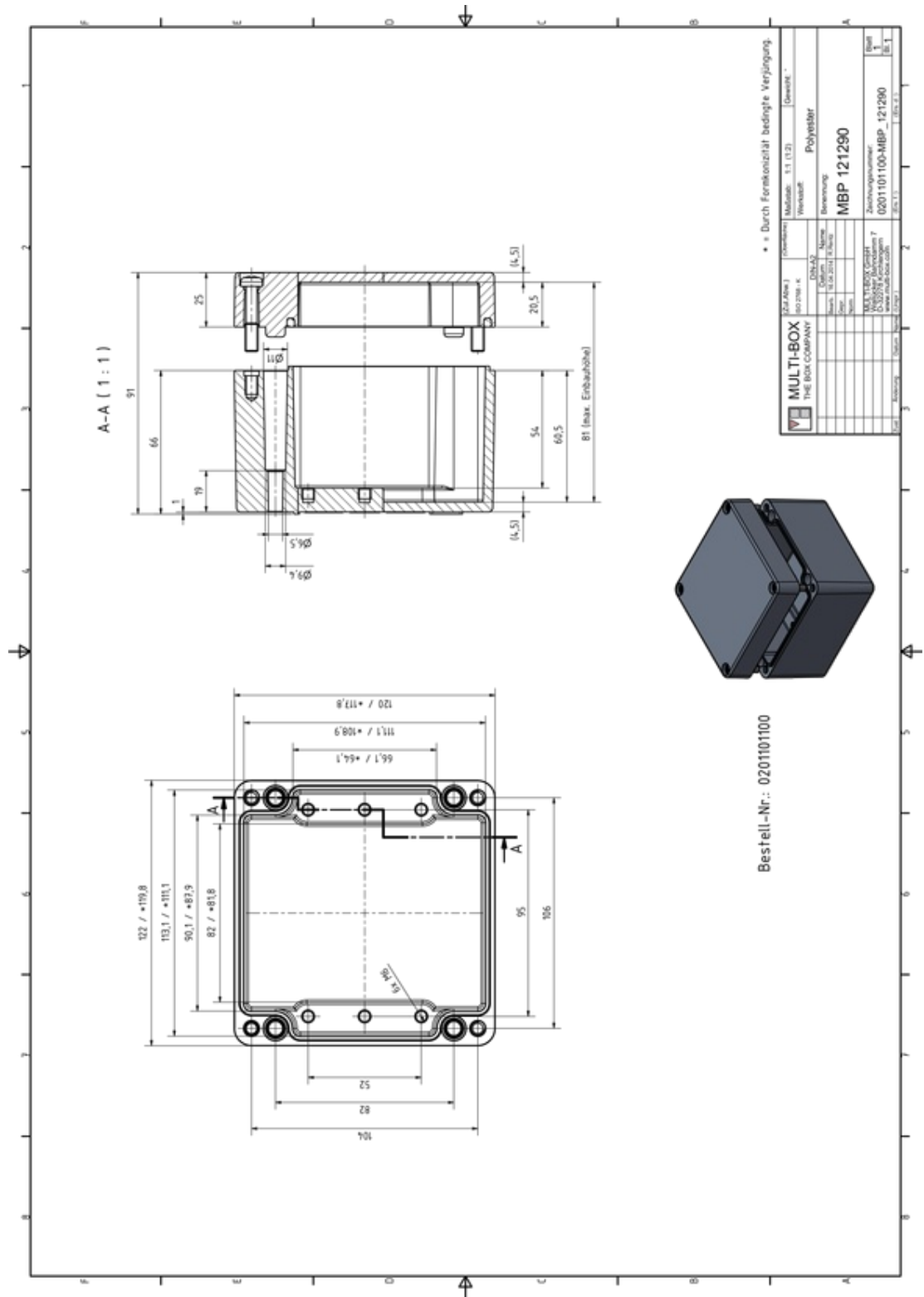
Tragschiene TS 35 Article No. 0111100435	Stahl verzinkt	  
Montageplatte Stahlblech Article No. 0112100400	Stahl verzinkt	  
Wandlaschen M6 (4 Stück) Article No. 0113100541	Edelstahl	  
Silikon Deckeldichtung Article No. 1980099999	Silikon	
EMV geschützte Ausführung Article No. 1980000118	-	
Tragschienenadapter TSFIX35 Article No. 0314000009	Polyamid 6 (PA6)	  
Erdungsbolzen M6 Article No. 3000000169	Edelstahl	



INDIVIDUALITY IS OUR STANDARD

With our extensive machinery and a highly motivated team, we transform our standard products into your individual solution.





Under the following link you can download a higher resolution version of this drawing, including 3D construction data set:
<https://www.multi-box.com/gehaeuse/enclosures/industrial-enclosures/plastic-enclosures/polyester-grp-enclosures/mbp/mbp-121290>