



**MBA 161690**  
Article No. 0101102500

Material: Aluminium  
Protection class: IP66

MBA-Enclosures are universal, sturdy and easily adapt to the installation of electrical, electronic and pneumatic components. Manufacturing takes place using pressure die casting or gravity die casting methods.

MBA-Enclosures can be mechanically processed in a number of ways providing almost no limits to customised surface design.

As terminal enclosures they can be assembled according to a modular system with the addition of differing clamps and cable glands. In the measurement and control technology market they are often used for encapsulating sensors. Additionally they serve as junction boxes for cables and lines or take on the job of protecting highly sensitive electronics against water, dirt and dust.



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

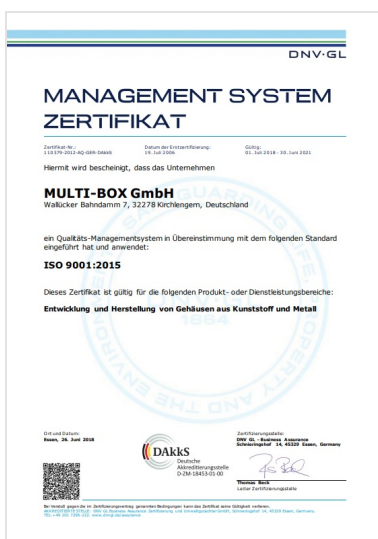
Length (mm)	160
Width (mm)	160
Height (mm)	90
Weight (g)	1560

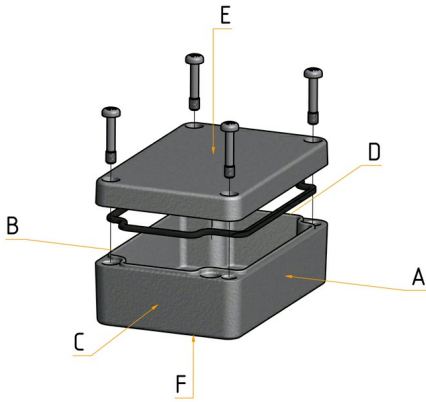
Color information

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	Aluminium
Material base	Aluminium
Material sealing	Polyurethane
Material screws	Stainless Steel V2 A
Silicone-free	✓
Halogen-free	✓
UV-resistant	✓
Surface coating	Powder coating

**Temperature resistance and application areas**




Permanent operating temperature max. (°C)	100
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	✓
Suitable for indoor use	✓

**Technical specifications**



















Protection class IP	66
Norm of protection class	DIN EN 60529
Earthing point available	✓
Sealing foamed seamless	✓
Captive cover screws	✓
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	
Special colours	

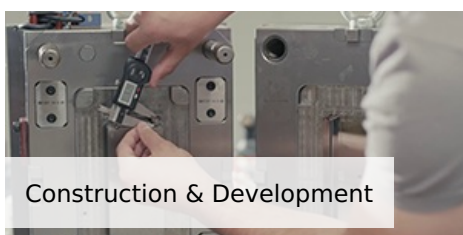
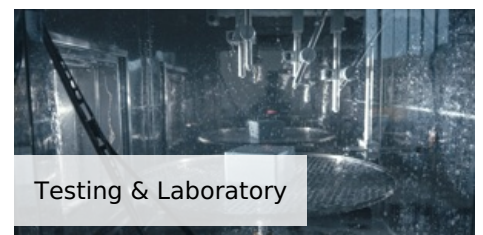
### Equipment and accessories

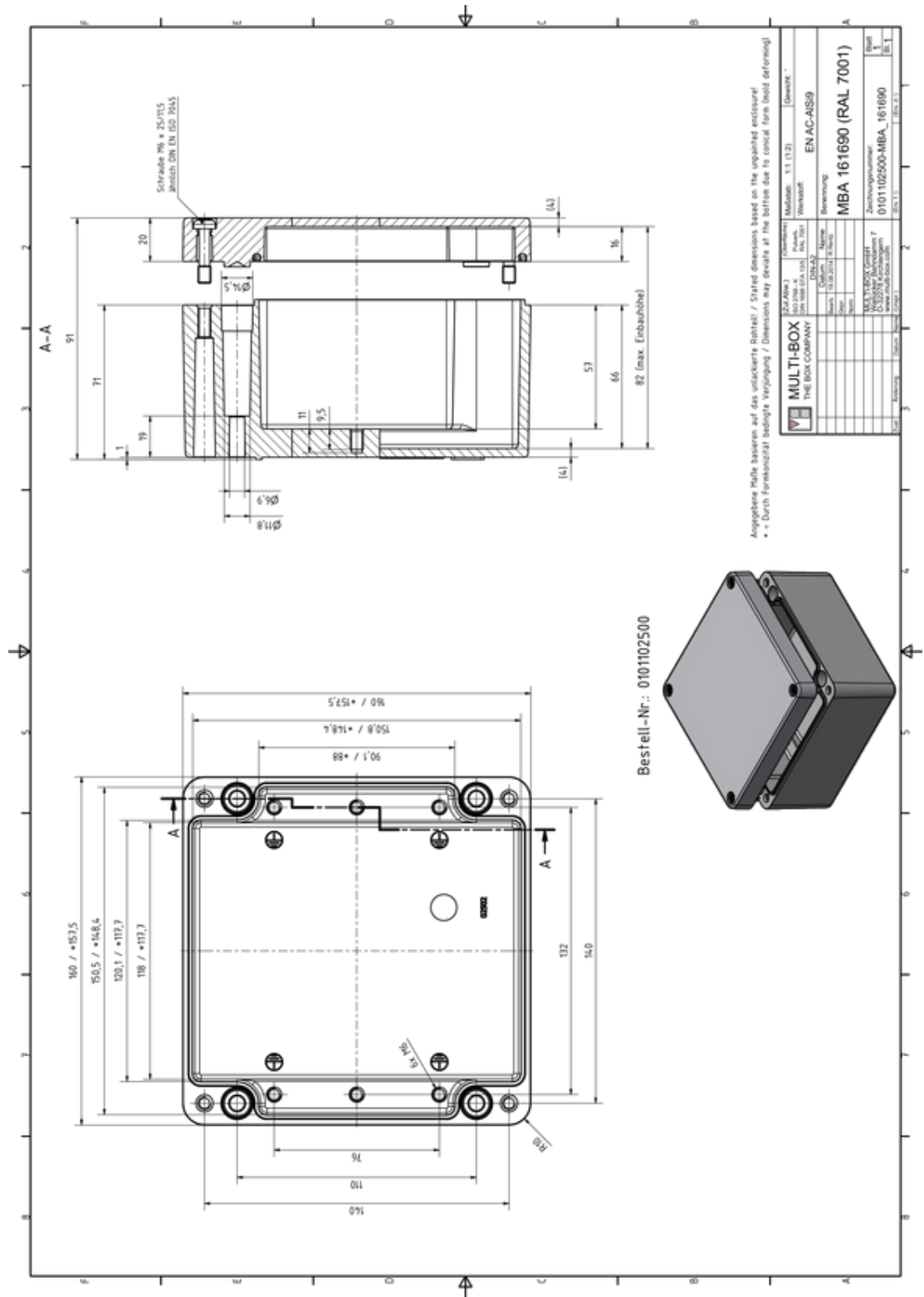
Tragschiene TS 35 Article No. 0111100735	Stahl verzinkt	  
Montageplatte Stahlblech Article No. 0112100700	Stahl verzinkt	  
Wandlaschen M6 (4 Stück) Article No. 0113100520	Edelstahl	  
Silikon Deckeldichtung Article No. 1980099999	Silikon	
Mastbefestigung MBFIX Article No. 0313000024	Edelstahl	  
Außenscharniere Alu (2 Stück) Article No. 0114000101	Aluminium pulverbeschichtet	  
EMV geschützte Ausführung Article No. 1980000119	-	
Innensechskantschrauben Article No. 1980000115	Edelstahl	
Tragschienenadapter TSFIX35 Article No. 0314000009	Polyamid 6 (PA6)	  
Schutzleiteranschluss Article No. 3000000051	Edelstahl	
Erdungsbolzen M6 Article No. 3000000169	Edelstahl	
Pulverbeschichtung gemäß DIN EN 45545-2:2016 für Bahnanwendungen Article No. 8600000010		



## 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/metal-enclosures/aluminium-enclosures/mba/mba-161690>