MBI-O Plain sides / Grey Cover

MBI-PC 111107 O / Article No. 0901101170





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



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Material: Polycarbonate GF10 Protection class: IP66

The MBI enclosure series is characterised by a wide range of sizes and a systematic focus on requirements in industrial installations. MBI enclosure bases are designed with plane side walls. These can be mechanically processed according to customer requirements. Covers are supplied in a light grey colour.

MBI enclosures are made of glass fibre reinforced polycarbonate in light grey colour RAL 7035. The material is UV-resistant (UL 746C F1) and self-extinguishing (UL 94 V0). Depending on quantities, the enclosures can be produced in special colours.

With a seamlessly foamed 2-component polyurethane gasket, all types achieve protection class IP66. The cover screws are made of plastic material and therefore they are completely corrosion-free. The impact resistance of the enclosures corresponds to IK08, making the MBI series ideally suitable for use in industrial and outdoor applications.

MBI enclosures offer a variety of mounting points for direct fixation of components into the base. The self-forming plastic screws for assembly are included in the scope of delivery.

There are several ways to mount the enclosures to walls or machines. With the cover opened, mounting can be done through wall mounting channels outside the sealing area. Alternatively, there are pre-formed knockouts on the enclosure base. With the cover closed, the enclosures can be fastened with external wall brackets. Another option is mounting with M4 screws from the rear side into pressed-in thread bushes in the bottom of the enclosure.

Depending on quantities, we can produce customer-specific mould sides. Individual knockouts, cutouts and hole designs can be implemented in the injection mould and there is no requirement for further mechanical processing.



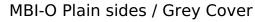
MADE In germany



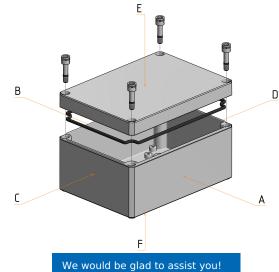


Dimensions and weight

Length (mm)	110
Width (mm)	110
Height (mm)	66
Weight (g)	235



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DNV.GL MANAGEMENT SYSTEM ZERTIFIKAT Zertifiat-ler: 110379-2012-ag-clas-blaas Datum der Entzertifisierung: 19.342-2006 Hiermit wird bescheinigt, dass das Unternehmen Datum der Ers 19.346 2006 Gültig: 01.3462018 - 30.3462021 MULTI-BOX GmbH ein Qualitäts-Managementsys eingeführt hat und anwendet: ISO 9001:2015 ves Zertifikat ist gültig für die folgenden Produkt- oder Dienstleistungsbere wicklung und Herstellung von Gehäusen aus Kunststoff und Metall Ort and Datama Zertifizierungsstate: DNV GL - Business Assura Scheieringshof 14, 45329 DAKKS Deutsche Aktenditierungsstelle D 22M 18455-02-00 1586 Thomas Berli

Material information

Material cover	Polycarbonate GF10
Material base	Polycarbonate GF10
Material sealing	Polyurethane
Material screws	Plastic
Silicone-free	
Halogen-free	
Material UL listed	
UV-resistant	

Temperature resistance and application areas

Permanent operating temperature max. (°C)	100
Permanent operating temperature min. (°C)	-40
Suitable for outdoor use	
Suitable for indoor use	\checkmark

Technical specifications

Protection class IP	66
Norm of protection class	DIN EN 60529
Impact resistance IK	08
Norm of impact resistance	EN 50102
Flame retardancy	V-0
UL-Subject	UL 94
Fully insulated	
Sealing foamed seamless	
Captive cover screws	
Assembly tool	SL 5,5
Tightening torque cover screws max. (Nm)	1.4
Tightening torque cover screws min. (Nm)	1



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Modifications and Services

Mechanical processing	\checkmark
Finishing and Assembly	\checkmark
Surface design	\checkmark
Special colours	\checkmark
Special materials	~

Equipment and accessories

Tragschiene TS 35 Article No. 0911100004	Stahl verzinkt		
Montageplatte Hartpapier Article No. 0912111110	Phenolharz Hartpapier	P 🖸 🗱	
Wandlaschen MBI (4 Stück) Article No. 0313000032	Polycarbonat GF10	P 🖸 👬	
Wandmontagebuchsen M4 (4 Stück)Messing vernickelt / Edelstahl Article No. 1999000095			
Außenscharniere (2 Stück) Article No. 0314000000	Polycarbonat	<u>~</u>	

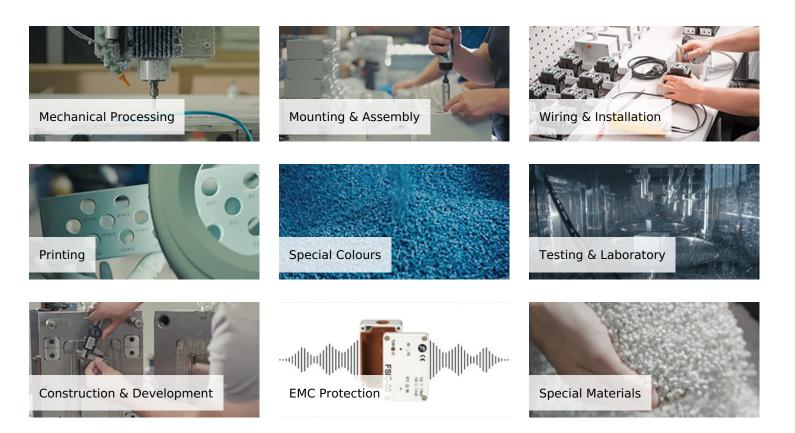


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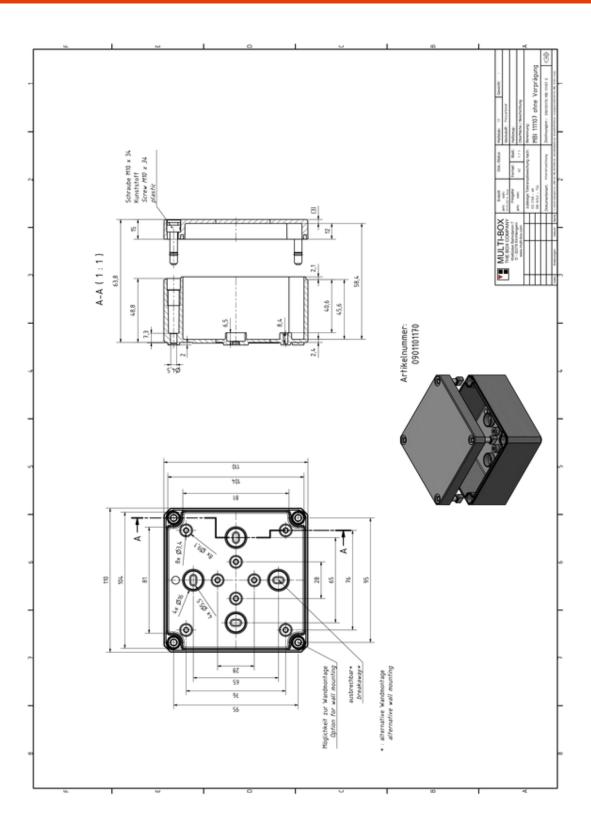


INDIVIDUALITY IS OUR STANDARD

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



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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/polycarbonate-pc-enclosures/mbi/o/mbi-pc-111107-o

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