



MBT 168085K

Article No. 0402103800

Material: ABS

Protection class: IP65

MBT Enclosures offer excellent properties for the installation of electronic and electrical components as well as complete control systems for indoor applications.

The MBT Enclosures can be mechanically processed in a number of ways providing almost no limits to customised surface design, including silk screen printing and membrane keyboards.

The enclosures are available with a grey or transparent cover (K).



We would be glad to assist you!

MULTI-BOX GmbH

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

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




Dimensions and weight

Length (mm)	160
Width (mm)	80
Height (mm)	85
Weight (g)	268

Color information

Color description cover	Transparent
Color description base	Light grey
RAL-code base	7035

Technical Drawings

PDF	
DXF	
3D	





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Material information

Material cover	Polycarbonate
Material base	ABS
Material sealing	Polyurethane
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"/>

Temperature resistance and application areas

Permanent operating temperature max. (°C)	80
Permanent operating temperature min. (°C)	-40
Suitable for indoor use	<input checked="" type="checkbox"/>




Technical specifications

Protection class IP	65
Norm of protection class	DIN EN 60529
Flame retardancy	HB
UL-Subject	UL 94
Fully insulated	<input checked="" type="checkbox"/>
Sealing foamed seamless	<input checked="" type="checkbox"/>
Captive cover screws	<input checked="" type="checkbox"/>
Assembly tool	PZ2
Tightening torque cover screws max. (Nm)	2.00
Tightening torque cover screws min. (Nm)	1.00


















Modifications and Services

Mechanical processing	
Finishing and Assembly	
Surface design	
Special colours	
EMC version	

Equipment and accessories

Tragschiene TS 15 Article No. 0311103500	Stahl verzinkt	
Tragschiene TS 35 Article No. 0311103550	Stahl verzinkt	
Montageplatte Hartpapier Article No. 0312103400	Phenolharz Hartpapier	  
Wandlaschen PC (4 Stück) Article No. 0313000015	Polycarbonat	  
Silikon Deckeldichtung Article No. 1980099999	Silikon	
Außenscharniere (2 Stück) Article No. 0314000000	Polycarbonat	
Innensechskantschrauben Article No. 1980000115	Edelstahl	
Gummifüße (4 Stück) Article No. 0310000000	Polyurethan	
Tragschienenadapter TSFIX35 Article No. 0314000009	Polyamid 6 (PA6)	  
Adapter Wandmontage Article No. 0413000000	Polycarbonat	  



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

