



MBT 161255
Article No. 0401104940

Material: ABS
Protection class: IP65

It doesn't always need to be grey!

With our Multi-Colour-Enclosures made of ABS, we offer the possibility of designing the colour of your products and visually upgrading them even for small quantities.

Multi-Colour-Enclosures offer excellent properties for "packaging" electronic and electrical components as well as complete control systems in indoor areas.

Our enclosures can be mechanically processed in a number of ways and there are almost no limits to customised surface design with silk screen printing or membrane keyboards.

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

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



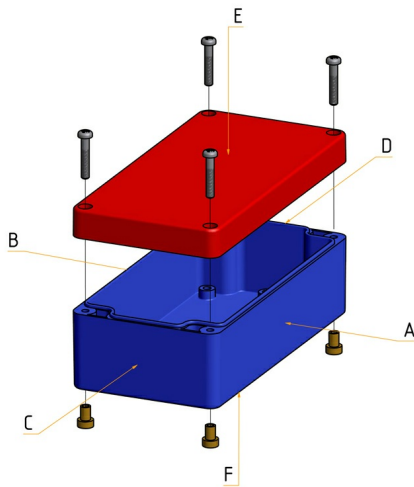
Dimensions and weight

Length (mm)	160
Width (mm)	120
Height (mm)	55

Color information

Color description cover	Signal blue
RAL-code cover	5017
Color description base	Signal blue
RAL-code base	5017





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Material information

Material cover	ABS
Material base	ABS
Material sealing	Polyurethane
Material screws	Stainless steel V2 A
Silicone-free	✓
Halogen-free	✓

Temperature resistance and application areas




Permanent operating temperature max. (°C)	80
Permanent operating temperature min. (°C)	-40
Suitable for indoor use	✓

Technical specifications











Protection class IP	65
Norm of protection class	DIN EN 60529
Flame retardancy	HB
UL-Subject	UL 94
Fully insulated	✓
Sealing foamed seamless	✓
Captive cover screws	✓
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

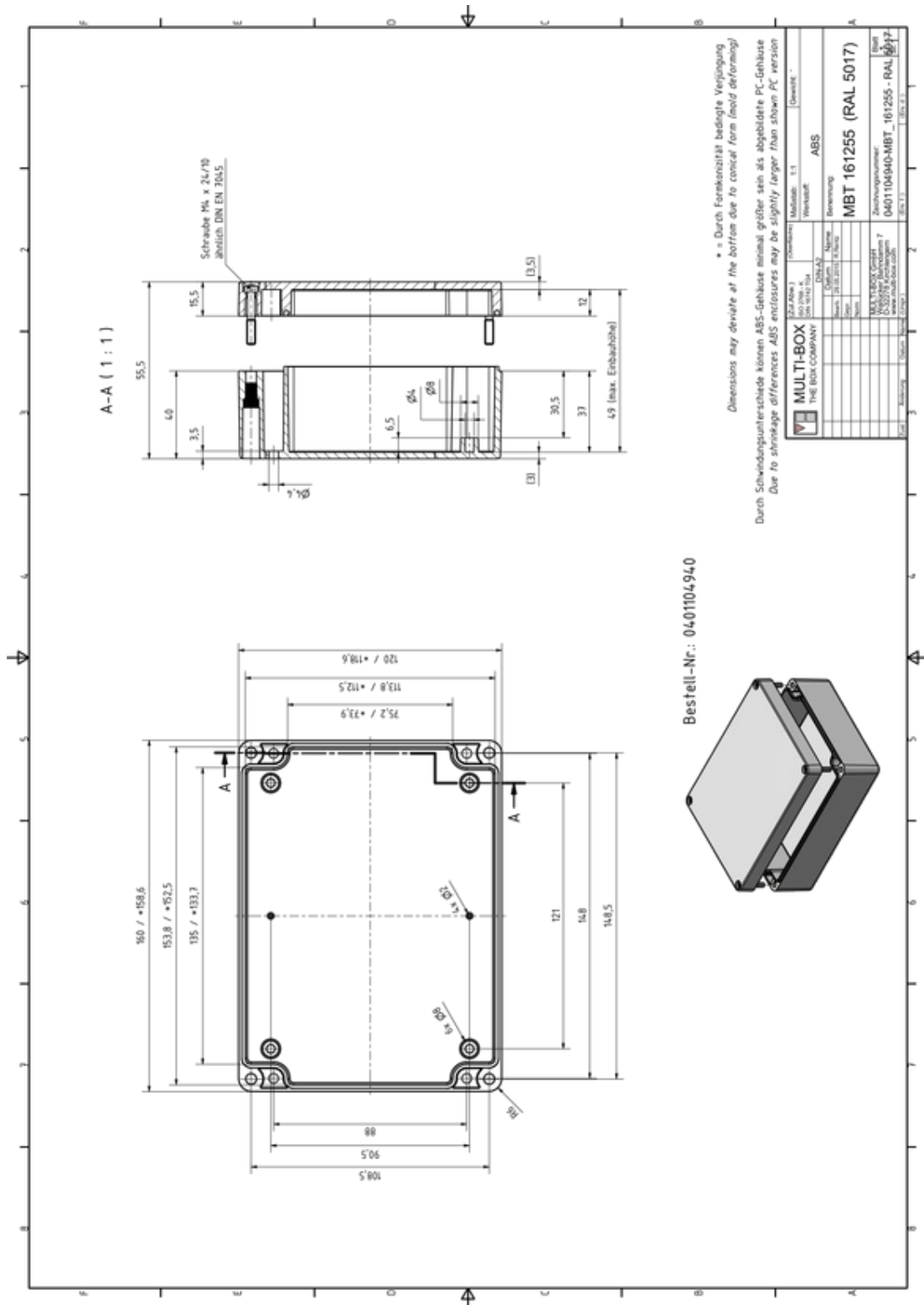
Montageplatte Hartpapier Article No. 0312104900	Phenolharz Hartpapier	  
Wandlaschen PC (4 Stück) Article No. 0313000015	Polycarbonat	  
Silikon Deckeldichtung Article No. 1980099999	Silikon	
Außenscharniere (2 Stück) Article No. 0314000000	Polycarbonat	
EMV geschützte Ausführung Article No. 1980000118	-	
Innensechskantschrauben Article No. 1980000115	Edelstahl	
GummifüÙe (4 Stück) Article No. 0310000000	Polyurethan	
Tragschienenadapter TSFIX35 Article No. 0314000009	Polyamid 6 (PA6)	  
Klappfenster KLF Article No. 7003001016	Polycarbonat	



INDIVIDUALITY IS OUR STANDARD

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





* = Durch Formgenauigkeit bedingte Verjüngung
 Dimensions may deviate at the bottom due to conical form (mold deformation)
 Durch Schwundunterschiede können ABS-Gehäuse minimal größer sein als abgebildete PC-Gehäuse
 Due to shrinkage differences ABS enclosures may be slightly larger than shown PC version

Hersteller	MULTI-BOX THE BOX COMPANY
Material	ABS
Material	1.1
Benennung	MBT 161255 (RAL 5017)
Zustimmung	MBT 161255 (RAL 5017)
Zustimmungsnummer	0401104940-MBT_161255 - RAL 5017
Rev.	1

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/kunststoffgehaeuse/ral-5017-blue/mbt-161255-3>