

ABS-Enclosures MBT

Protection class IP 65



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**).



- All enclosures fulfil protection class IP 65 in accordance with DIN EN 60529
- Standard sealing PUR-foamed
- Temperature resistance: -40 °C to +80 °C
- Cover screws with captive function made of stainless steel
- Wall mounting can be done through separate screw channels outside the sealing area
- The standard enclosure colour is light light grey, similar to RAL 7035
- Special colours are available on request
- An EMC version with copper paint and conductive cover seal is available
- Accessories: Optional accessories are listed in the table of sizes

Article number	Typ	L	B	H	TS	M	FÜ	GAM	SI	WL	K	RD	IS
		mm	mm	mm									
0401100100	MBT 050504	52	50	35		•			•		•	•	
0401100200	MBT 060504	65	50	35		•			•		•	•	
0401100400	MBT 060505	65	50	45		•			•		•	•	
0401100500	MBT 060545	65	50	45		•			•		•	•	
0401100600	MBT 060555	65	50	55		•			•		•	•	
0401100700	MBT 060603	58	64	37					•			•	
0401100800	MBT 090603	98	64	37					•	•	•	•	
0401101000	MBT 080805	82	80	55	•	•	•		•	•	•	•	•
0401101200	MBT 080807	82	80	65	•	•	•		•	•	•	•	
0401101300	MBT 080809	82	80	85	•	•	•		•	•	•	•	•
0401101400	MBT 080810	82	80	95	•	•	•		•	•	•	•	
0401101500	MBT 128035	120	80	36		•	•		•	•	•	•	
0401101600	MBT 128040	120	80	41		•	•	•	•	•	•	•	•
0401101700	MBT 128045	120	80	47		•	•	•	•	•	•	•	•
0401101900	MBT 128050	120	80	50	•	•	•		•	•	•	•	
0401102100	MBT 128055	120	80	55	•	•	•		•	•	•	•	•
0401102300	MBT 128060	120	80	60	•	•	•		•	•	•	•	
0401102330	MBT 128060	120	80	60		•	•	•	•	•	•	•	
0401102340	MBT 128065	120	80	65		•	•	•	•	•	•	•	•
0401102500	MBT 128070	120	80	70	•	•	•		•	•	•	•	
0401102550	MBT 128070	120	80	70		•	•	•	•	•	•	•	
0401102700	MBT 128080	120	80	80	•	•	•		•	•	•	•	
0401102750	MBT 128080	120	80	80		•	•	•	•	•	•	•	
0401102900	MBT 128085	120	80	85	•	•	•		•	•	•	•	•
0401103100	MBT 128090	120	80	90	•	•	•		•	•	•	•	
0401103300	MBT 128010	120	80	100	•	•	•		•	•	•	•	
0401103610	MBT 168035	160	80	37	•	•	•		•	•	•	•	
0401103500	MBT 168055	160	80	55	•	•	•		•	•	•	•	•
0401103700	MBT 168060	160	80	60	•	•	•		•	•	•	•	
0401103800	MBT 168085	160	80	85	•	•	•		•	•	•	•	•
0401103900	MBT 168090	160	80	90	•	•	•		•	•	•	•	
0401104000	MBT 208055	200	80	55	•	•	•		•	•	•	•	•
0401104200	MBT 121255	122	120	55	•	•	•		•	•	•	•	•
0401104400	MBT 121275	122	120	75	•	•	•		•	•	•	•	
0401104600	MBT 121285	122	120	85	•	•	•		•	•	•	•	•
0401104800	MBT 121211	122	120	105	•	•	•		•	•	•	•	
0401104900	MBT 161255	160	120	55		•	•	•	•	•	•	•	•
0401105000	MBT 161270	160	120	70		•	•	•	•	•	•	•	
0401105100	MBT 161275	160	120	75	•	•	•		•	•	•	•	
0401105200	MBT 161290	160	120	90	•	•	•		•	•	•	•	•
0401105300	MBT 161212	160	120	120	•	•	•		•	•	•	•	
0401105400	MBT 161214	160	120	140	•	•	•		•	•	•	•	
0401105500	MBT 161665	160	160	65	•	•	•		•	•	•	•	
0401105600	MBT 201255	200	120	55		•	•	•	•	•	•	•	•
0401105700	MBT 201270	200	120	70		•	•	•	•	•	•	•	
0401105900	MBT 201275	200	120	75	•	•	•		•	•	•	•	•
0401106100	MBT 201290	200	120	90	•	•	•		•	•	•	•	
0401106200	MBT 201555	200	150	55	•	•	•		•	•	•	•	•
0401106300	MBT 201575	200	150	75	•	•	•		•	•	•	•	•
0401106400	MBT 201580	200	150	80	•	•	•		•	•	•	•	
0401106500	MBT 201510	200	150	100	•	•	•		•	•	•	•	
0401106600	MBT 201511	200	150	105	•	•	•		•	•	•	•	
0401106700	MBT 201513	200	150	125	•	•	•		•	•	•	•	
0401106800	MBT 241210	240	120	100	•	•	•		•	•	•	•	
0401106900	MBT 241270	240	120	70	•	•	•		•	•	•	•	
0401107030	MBT 241670	240	160	70	•	•	•		•	•	•	•	•
0401107000	MBT 241690	240	160	90	•	•	•		•	•	•	•	•
0401107100	MBT 241612	240	160	120	•	•	•		•	•	•	•	
0401107200	MBT 251655	250	160	55		•	•	•	•	•	•	•	•
0401107300	MBT 251685	250	160	85		•	•	•	•	•	•	•	
0401107400	MBT 251690	250	160	90		•	•	•	•	•	•	•	•
0401107500	MBT 251611	250	160	115		•	•	•	•	•	•	•	
0401107600	MBT 251612	250	160	120		•	•	•	•	•	•	•	
0401107700	MBT 251615	250	160	150		•	•	•	•	•	•	•	
0401107800	MBT 302365	300	230	65	•	•	•		•	•	•	•	
0401107900	MBT 302385	300	230	85	•	•	•		•	•	•	•	
0401108000	MBT 302311	300	230	110	•	•	•		•	•	•	•	
0401108200	MBT 341555	340	150	55	•	•	•		•	•	•	•	
0401108300	MBT 341580	340	150	75	•	•	•		•	•	•	•	
0401108500	MBT 341510	340	150	100	•	•	•		•	•	•	•	
0401108600	MBT 341512	340	150	120	•	•	•		•	•	•	•	
0401108700	MBT 362015	360	200	150		•	•	•	•	•	•	•	

L = Length, B = Breadth, H = Height, TS = Mounting rail, M = Mounting plate, FÜ = Rubber feet (4 pieces), GAM = External hinge set (2 pieces), SI = Silicone cover sealing, WL = Wall mounting brackets, K = Clear cover, RD = Knurled screws, IS = Hex socket head screws

Technical drawings and further information about our products can be found online at www.multi-box.com

ABS-Enclosures MBT / Multi-Colour

Protection class IP 65



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 the installation of electronic and electrical components as well as complete control systems for indoor applications. Our enclosures can be mechanically processed in a number of ways providing almost no limits to customised surface design, including silk screen printing or membrane keyboards. The enclosures are available with a coloured or transparent cover **(K)**.



- All enclosures fulfil protection class IP 65 in accordance with DIN EN 60529
- Standard sealing PUR-foamed
- Temperature resistance: -40 °C to +80 °C
- Cover screws with captive function made of stainless steel
- Wall mounting can be done through separate screw channels outside the sealing area
- An EMC version with copper paint and conductive cover seal is available
- Colours on stock:
 - RAL 3020 / Red
 - RAL 1023 / Yellow
 - RAL 5017 / Blue
 - RAL 9005 / Black
- Special colours are available on request
- Accessories: Optional accessories are listed in the table of sizes

Article number	Type	L	B	H	TS	M	FÜ	GAM	SI	WL	Color
		mm	mm	mm							
0401101010	MBT 080805	82	80	55	•	•	•		•	•	black
0401102110	MBT 128055	120	80	55	•	•	•	•	•	•	black
0401104211	MBT 121255	122	120	55	•	•	•	•	•	•	black
0401103110	MBT 168055	160	80	55	•	•	•	•	•	•	black
0401104950	MBT 161255	160	120	55		•	•	•	•	•	black
0401105910	MBT 201275	200	120	75	•	•	•	•	•	•	black
0401101020	MBT 080805	82	80	55	•	•	•		•	•	yellow
0401102120	MBT 128055	120	80	55	•	•	•	•	•	•	yellow
0401104230	MBT 121255	122	120	55	•	•	•	•	•	•	yellow
0401103550	MBT 168055	160	80	55	•	•	•	•	•	•	yellow
0401104920	MBT 161255	160	120	55		•	•	•	•	•	yellow
0401105920	MBT 201275	200	120	75	•	•	•	•	•	•	yellow
0401101030	MBT 080805	82	80	55	•	•	•		•	•	red
0401102130	MBT 128055	120	80	55	•	•	•	•	•	•	red
0401104240	MBT 121255	122	120	55	•	•	•	•	•	•	red
0401103530	MBT 168055	160	80	55	•	•	•	•	•	•	red
0401104930	MBT 161255	160	120	55		•	•	•	•	•	red
0401105930	MBT 201275	200	120	75	•	•	•	•	•	•	red
0401101040	MBT 080805	82	80	55	•	•	•		•	•	blue
0401102140	MBT 128055	120	80	55	•	•	•	•	•	•	blue
0401104250	MBT 121255	122	120	55	•	•	•	•	•	•	blue
0401103540	MBT 168055	160	80	55	•	•	•	•	•	•	blue
0401104940	MBT 161255	160	120	55		•	•	•	•	•	blue
0401105940	MBT 201275	200	120	75	•	•	•	•	•	•	blue

L = Length, **B** = Breadth, **H** = Height, **TS** = Mounting rail, **M** = Mounting plate, **FÜ** = Rubber feet (4 pieces), **GAM** = External hinge set (2 pieces), **SI** = Silicone cover sealing, **WL** = Wall mounting brackets

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ABS-Enclosures MBT / Membrane Recess

Protection class IP 65



ABS-Enclosures with film recess offer excellent properties for the installation of electronic and electrical components as well as complete control systems for indoor applications. Our enclosures can be mechanically processed in a number of ways providing almost no limits to customised surface design, including silk screen printing or membrane keyboards.



- All enclosures fulfil protection class IP 65 in accordance with DIN EN 60529
- Standard sealing PUR-foamed
- Temperature resistance: -40 °C to +80 °C
- Cover screws with captive function made of stainless steel
- Wall mounting can be done through separate screw channels outside the sealing area
- The standard enclosure colour is light grey, similar to RAL 7035
- Special colours are available on request
- An EMC version with copper paint and conductive cover seal is available
- Accessories: Optional accessories are listed in the table of sizes

Article number	Type	L	B	H	TS	M	FÜ	GAM	SI	WL
		mm	mm	mm						
0421101600	MBT 128040 FT	120	80	40		•	•	•	•	•
0421102100	MBT 128055 FT	120	80	55	•	•	•	•	•	•
0421102340	MBT 128065 FT	120	80	65		•	•	•	•	•
0421102900	MBT 128085 FT	120	80	85	•	•	•	•	•	•
0421103500	MBT 168055 FT	160	80	55	•	•	•	•	•	•
0421103800	MBT 168085 FT	160	80	85	•	•	•	•	•	•
0421104200	MBT 121255 FT	120	120	55	•	•	•	•	•	•
0421104600	MBT 121285 FT	120	120	85	•	•	•	•	•	•
0421105600	MBT 201255 FT	200	120	55		•	•	•	•	•
0421105900	MBT 201275 FT	200	120	75	•	•	•	•	•	•
0421106400	MBT 201580 FT	200	150	80	•	•	•	•	•	•
0401106550	MBT 201510 FT	200	150	100	•	•	•	•	•	•
0401108100	MBT 341555 FT	340	150	55	•	•	•	•	•	•
0401108400	MBT 341510 FT	340	150	100	•	•	•	•	•	•

L = Length, **B** = Breadth, **H** = Height, **TS** = Mounting rail, **M** = Mounting plate, **FÜ** = Rubber feet (4 pieces), **GAM** = External hinge set (2 pieces), **SI** = Silicone cover sealing, **WL** = Wall mounting brackets

Technical drawings and further information about our products can be found online at www.multi-box.com