

# Euromas ABS / PC

## Enclosure, ABS

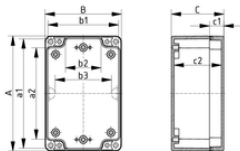


**T 231**  
**Order no.: 03231000**

## Characteristics

<b>Colour</b>	light grey
<b>Colour of enclosure group</b>	Light grey, similar to RAL 7035;special colours on request
<b>Protection class</b>	IP 66
<b>Enclosure material</b>	ABS, PC (UV stabilised) and selected sizes in PC UL 94 V0 (additional UL 94 V0 versions on request), seal made of CR; for details see Technical Information
<b>Scope of delivery</b>	Lid and base, lid screws made of V2A, self-tapping screws for mounting bosses
<b>Note</b>	SV = version with quick-release fastener. IP = Ingress protection acc. to DIN EN 60529

## Dimensions



<b>A</b>	160 mm
<b>B</b>	80 mm
<b>C</b>	85 mm
<b>a1</b>	153 mm
<b>a2</b>	134 mm
<b>b1</b>	73 mm
<b>b2</b>	36 mm
<b>c1</b>	15 mm
<b>c2</b>	79 mm

## Important!

To compensate for pressure when temperatures change and cause moisture in the enclosure, we recommend that you use a [pressure compensation](#) element.

» [Additional information](#)

## Technical documentation

**Technical drawings**                      Product drawing in DXF format:  
[03231000 T 231.dxf](#) (668 KB)  
3D product data in STEP format:  
[03231000 T 231.stp](#) (670 KB)  
Drawing for mechanical processing:  
[03231000 T 231-G.dxf](#) (321 KB)  
Product drawing in PDF format:  
[03231000 T 231.pdf](#) (91 KB)

**Works test certificates**                [670 WPZ-Euomas PC DE.pdf](#)(197 KB)  
[670 WPZ-Euomas PC EN.pdf](#)(191 KB)

**Technical information**                 [M-V0-02-01 ENG.pdf](#) (55 KB)  
[M-V0-02-01a.pdf](#) (55 KB)  
[T-03-01 ENG.pdf](#) (54 KB)  
[T-03-01a.pdf](#) (55 KB)  
[M-02-02 EN 2012.pdf](#) (54 KB)

**Material data**                            » [Important information regarding the following material data](#)

### Important information regarding the following material data:

Please note that the information in the material database is based on current knowledge. The tests on basic materials and dyestuffs were carried out and certified by the manufacturers of the material. Changes to the certified values and characteristics may occur during manufacture of the moulding compound and as a result of the addition of any dyestuffs. Any specific or tacit guarantee or warranty or assurance of characteristics or any other liability in connection with the use of the information contained in these certificates is excluded. The customer is not released from the obligation to check whether the materials used correspond to his conditions of use in accordance with the currently valid legal requirements.

×  
 I have read and agreed to this information.

ABS MMIA Polyman  
[Materialdatenblatt deutsch](#)  
[Material datasheet english](#)  
[UL-Karte/Card](#)  
ABS Elix H605  
[Materialdatenblatt deutsch](#)  
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[UL-Karte/Card](#)  
ABS Cycolac GPM5500S  
[Materialdatenblatt deutsch](#)  
[Material datasheet english](#)  
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## Downloads

**Product brochure**                      [Euomas ABS PC GB.pdf](#) (338 KB)

## Suitable for the enclosure



**Mounting panels, laminated paper**

22000600

[M](#)

For EM/ET 220, EM/ET 231, M/T 219-220, M/T 231-235



**Knurled screws**

22003100

[RD](#)

For M/T 210-215, M/T 217, M/T 220-227, M/T 231



**Rubber feet, plug-in**

22003300

[E](#)

For M/T 208-260



**Wall brackets on rear, screw-on, polycarbonate**

22004900

[WL](#)

For M/T 210-243, M/T 246-253



**DIN rails DIN EN 60715 TH 15, galvanised steel**

22002000

[TS 15](#)

For M/T 219-220, M/T 231-235, M/T 238, M/T 246, P 325, M/T 2381



**DIN rails DIN EN 60715 G 32, galvanised steel**

22002010

[TS 32](#)

For M/T 219-220, M/T 231-235, M/T 238, M/T 246, P 316, P 325, M/T 2381



**DIN rails DIN EN 60715 TH 35, galvanised steel**

22002020

[TS 35](#)

For M/T 219-220, M/T 231-235, M/T 238, M/T 246, P 316, P 325, M/T 2381



### Threaded inserts for mounting bosses

59002810 [DODGE M3x6,5](#) ND = 4.0 x 6.5  
59002820 [DODGE M4x9,5](#) ND = 5.4 x 9.5



### Screws (SHR) and distance bolts (DIBLZ) for mounting bosses in plastic enclosures

59006101 [SHR Z B4,5x7,8](#) SD = 4.5 / ND = 4.0 / KD = 7.5

\* = Available on request