

**104.160.000**  
**aluTWIN AT 160**



**technical data**

Material	Aluminium
Colour	Lid Windows grey RAL 7040, Bottom Light grey RAL 7035
Length	240 mm
Width	160 mm
Height	103 mm
Weight (g)	2170 g
Country of manufacture	Germany
Customs tariff number	76169910

## **aluTWIN**

### THE ULTIMATE HEAVY DUTY DUAL-CHAMBER ALUMINIUM ENCLOSURES

#### **IP 66, Optional: IP 67**

aluTWIN is a range of high-performance dual-chamber diecast aluminium enclosures for heavy duty electronics and electrical equipment.

The design offers the option of installing the electronics and terminals in separate sections to protect them from each other during installation and servicing. The enclosures are based on our aluNORM product range and are weatherproof and watertight to IP 66. Threaded screw bosses are provided inside for fitting circuit boards, mounting plates etc.

We can supply aluTWIN enclosures fully customised to your requirements.

Enclosure sizes  
4 sizes

Dimensions: L x W x H

166 x 100 x 55 mm to 240 x 240 x 103 mm

#### Additional info

Secure connection technology due to the printed circuit boards or series terminals in connection spaces that can be opened separately

Both chambers can be separated with the isolation wall included

Different lid variants

Specially developed external mounting brackets made from diecast aluminium

Enclosure  
Diecast aluminium alloy

EN AN-44300 DIN EN 1706

(GD Al Si 12/DIN 1725)

1° mould slope for casting ejection > internal circumference dimensions decrease by 1° towards enclosure bottom.

#### Fastening

Space-saving single-channel technology for lid and fastening screws outside of the enclosure interior

#### Internal mounting

Fastening thread in lateral bars on the enclosure base.

#### Ingress protection

IP 66 / EN 60529

Optional: IP 67

Gasket

Chloroprene O-ring gasket (CR), temperature resistance: -30°C to +90°C

or TPE moulded gasket, silicone-free, temperature resistance: -40°C to +120°C

Optional: Silicone gasket, temperature resistance: -50°C to +140°C

Lid screws

Stainless steel 1.4567, captive

Surface

Powder coating

Bottom: RAL 7035, light grey

Lid: RAL 7040, window grey

Optional: Special colours

Optional: Corrosion protection

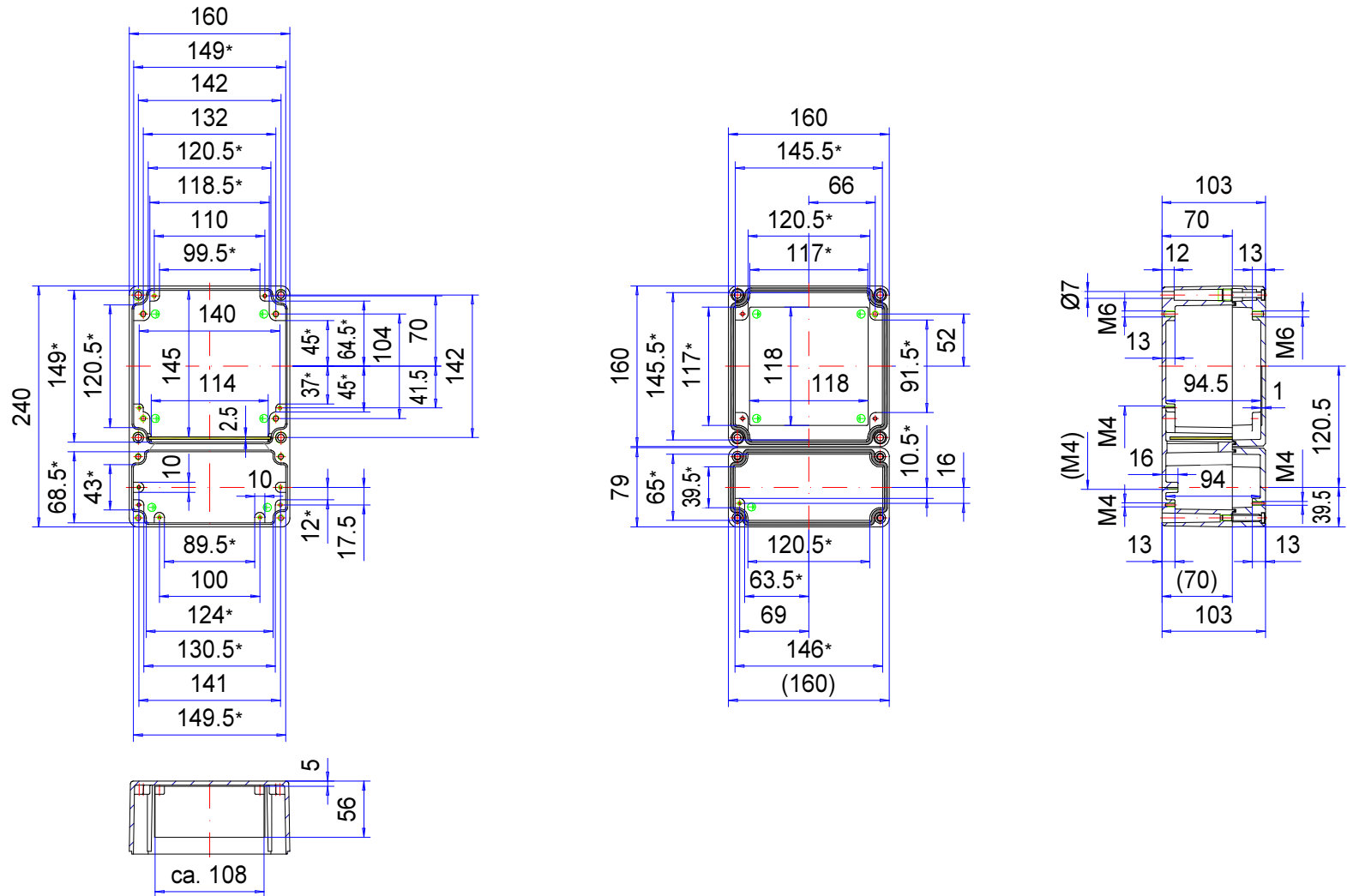
Customising

Learn more about our full customising service for installation-ready enclosures


# Enclosure series aluTWIN

Type: AT 160

Material-No.: 104.160.000



\* Please note: Mould slope for casting ejection, dimensions in the amount of the bottom!

Enclosure material	GD-AI Si 12 (DIN 1725)		Weight	2.170 g
Lid screws	8x stainless steel 1.4567 (V2A), captive		Earthing screws	6x M6x9, 3x M4x6, copper-plated
Gasket	2x TPE moulded gasket, silicone-free, black		Coating	Powder coating RAL 7040, window grey + RAL 7035, light grey
Ingress protection	IP66 EN 60529		Tolerance	GTA 13/5 DIN 1688-4 (outside dimensions ±0,5mm)