

## aluTWIN

### THE TWO-CHAMBER ENCLOSURE

#### IP 66, Optional: IP 67

##### The key product features:

- Enclosure material: diecast aluminium
- Enclosure surface: lid powder coating , RAL 7040, bottom powder coating, RAL 7035
- Design with equally high covers
- Secure connection technology due series terminals in a connection space opened separately
- Chambers can be separated by isolation wall
- Lid screws in stainless steel 1.4567
- Enclosure seal: TPE molded gasket, silicone-free, connection space: O-ring gasket (CR)

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aluTWIN is a range of high-performance dual-chamber diecast aluminum 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 customized to your requirements.

#### Enclosure sizes

4

#### 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 die-cast aluminum

#### Enclosure

Diecast aluminum alloy

EN AN-44300 DIN EN 1706

(GD Al Si 12/DIN 1725)

1° mold 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)  
or TPE molded gasket, silicone-free

Optional: Silicone gasket

### **Lid screws**

Stainless steel 1.4567, captive

### **Surface**

Powder coating

Bottom: RAL 7035, light gray





Lid: RAL 7040, window gray

Optional: Special colors

Optional: Corrosion protection

### **Customizing**

Learn more about our [full customizing service for installation-ready enclosures](#)

Photo	No.	Type	Length L	Width W	Height H	Gasket H	Optional available
	104.100.000	AT 100	166	100	81	Silicon-gasket	<ul style="list-style-type: none"> <li>- Supporting rail for series terminals</li> <li>- Mounting plates</li> <li>- External mounting brackets</li> <li>- EMC-Shielding</li> <li>- Corrosion proof coating</li> <li>-</li> <li>- Protection Class IP 67</li> </ul>
	104.160.000	AT 160	240	160	103	Silicon-gasket	<ul style="list-style-type: none"> <li>- Supporting rail for series terminals</li> <li>- Mounting plates</li> <li>- Double-bit fastener</li> <li>- External mounting brackets</li> <li>- Hold hinges</li> <li>- Hinges</li> <li>- EMC-Shielding</li> <li>- Corrosion proof coating</li> <li>-</li> <li>- Protection Class IP 67</li> </ul>
	104.162.000	AT 162	240	240	103	Silicon-gasket	<ul style="list-style-type: none"> <li>- Supporting rail for series terminals</li> <li>- Mounting plates</li> <li>- Double-bit fastener</li> <li>- External mounting brackets</li> <li>- Hold hinges</li> <li>- Hinges</li> <li>- EMC-Shielding</li> <li>- Corrosion proof coating</li> <li>-</li> <li>- Protection Class IP 67</li> </ul>
	105.100.000	ATF 100	166	100	55	Silicon-gasket	<ul style="list-style-type: none"> <li>- Supporting rail for series terminals</li> <li>- Mounting plates</li> <li>- External mounting brackets</li> <li>- EMC-Shielding</li> <li>- Corrosion proof coating</li> <li>- Protection Class IP 67</li> </ul>