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 moulded gasket, silicone-free, connection space: O-ring gasket (CR)

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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

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 inte-rior

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 moulded gasket, silicone-free

Optional: Silicone gasket

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

Photo	No.	Type	Length L	Width W	Height H	Gasket H	Optional available
	104.100.000	AT 100	166	100	81	Silicon-gasket	- Supporting rail for series terminals - Mounting plates - External mounting brackets - EMC-Shielding - Corrosion proof coating - - Protection Class IP 67
	104.160.000	AT 160	240	160	103	Silicon-gasket	- Supporting rail for series terminals - Mounting plates - Double-bit fastener - External mounting brackets - Hold hinges - Hinges - EMC-Shielding - Corrosion proof coating - - Protection Class IP 67
	104.162.000	AT 162	240	240	103	Silicon-gasket	- Supporting rail for series terminals - Mounting plates - Double-bit fastener - External mounting brackets - Hold hinges - Hinges - EMC-Shielding - Corrosion proof coating - - Protection Class IP 67
	105.100.000	ATF 100	166	100	55	Silicon-gasket	- Supporting rail for series terminals - Mounting plates - External mounting brackets - EMC-Shielding - Corrosion proof coating - Protection Class IP 67