

aluNORM

THE MULTIVARIABLE ENCLOSURE

IP 66, Optional: IP 67

The key product features:

- · Enclosure material: diecast aluminium
- Enclosure surface: powder coating, RAL 7035
- Single-channel mounting for greater installation volume
- Sizes compatible with polyTOP polyester enclosures, therefore easy to exchange
- Lid screws in stainless steel 1.4567
- Enclosure seal: TPE moulded or PUR gasket, silicone-free

aluNORM IP 66 diecast aluminium enclosures are designed to protect electrical and electronic components. The enclosures are available in four different versions with different lid and base combinations. This gives a huge variety of sizes and design options to choose from.

Uniquely, aluNORM enclosures are mounted to a wall or machine using the same screw channels as the lid fixings. This means there is more space inside for your assemblies and components. EMC shielded versions are available for the AS and AD variants, and some AF and AH variants - see ordering details. Threaded screw bosses in the lid and base enable fast installation of terminal rails, mounting plates etc. Matching cable glands and accessories are also available.

We can supply aluNORM enclosures fully customised to your requirements.

Enclosure sizes

86

Additional info

4 different variants

AS (deep bottom, flat lid)

AD (flat bottom, deep lid)

AF (flat bottom, flat lid)

AH (deep bottom, deep lid)

Compatible assembly dimensions with the polyTOP range (polyester enclosure)

Optional: Specially developed external mounting brackets made from die-cast aluminium, available from AS 080

Enclosure

Diecast aluminium

EN AC 44300/EN AC-44200 (DIN EN 1706)

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 Even square enclosures can be screwed into any position without problems, thanks to the symmetrical arrangement

Internal mounting

Fastening thread in lateral bars on the floor of the enclosure and a fastening option and/or thread in the lid (both depending on the variant)

Mounting plate made from galvanised sheet steel available as an accessory

Ingress protection

IP 66 / EN 60529

Optional: IP 67 / EN 60529

Gasket

TPE moulded or PUR gasket, silicone-free

Lid screws

Stainless steel 1.4567, captive

Surface

Powder coating RAL 7035 light 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
LIIOIO							
•	100.060.035	AS 060	50	65	40	Silicon-gasket	 Protection Class IP 67 Supporting rail for series terminals Mounting plates EMC-Shielding Block terminal support Corrosion proof coating
•	100.062.035	AS 062	65	65	40	Silicon-gasket	 Supporting rail for series terminals Mounting plates Protection Class IP 67 EMC-Shielding Block terminal support Corrosion proof coating
	100.064.035	AS 064	100	65	40	Silicon-gasket	- Supporting rail for series terminals - Mounting plates - Protection Class IP 67 - EMC-Shielding - Block terminal support - Corrosion proof coating
	100.066.035	AS 066	150	65	40	Silicon-gasket	- Supporting rail for series terminals - Mounting plates - Protection Class IP 67 - EMC-Shielding - Block terminal support - Corrosion proof coating
	100.080.035	AS 080	80	80	60	Silicon-gasket	- Supporting rail for series terminals - Mounting plates - Protection Class IP 67 - External mounting brackets - EMC-Shielding - Block terminal support - Corrosion proof coating
	100.082.035	AS 082	120	80	60	Silicon-gasket	- Supporting rail for series terminals - Mounting plates - Protection Class IP 67 - External mounting brackets - EMC-Shielding - Block terminal support - Corrosion proof coating
	100.084.035	AS 084	160	80	60	Silicon-gasket	- Supporting rail for series terminals - Mounting plates - Protection Class IP 67 - External mounting brackets - EMC-Shielding - Block terminal support - Corrosion proof coating
	100.100.035	AS 100	100	100	80	Silicon-gasket	- Supporting rail for series terminals - Mounting plates - Protection Class IP 67 - External mounting brackets - Hold hinges - Hinges - EMC-Shielding - Corrosion proof coating
	100.102.035	AS 102	150	100	80	Silicon-gasket	- Supporting rail for series terminals - Mounting plates - Protection Class IP 67 - External mounting brackets - Hold hinges - Hinges - EMC-Shielding - Corrosion proof coating

Photo	No.	Туре	Length L	Width W	Height H	Gasket H	Optional available
	100.104.035	AS 104	200	100	80	Silicon-gasket	- Supporting rail for series terminals - Mounting plates - Protection Class IP 67 - External mounting brackets - Hold hinges - Hinges - EMC-Shielding - Corrosion proof coating
•	100.120.035	AS 120	120	120	100	Silicon-gasket	- Internal hinges - External mounting brackets - Protection Class IP 67 - Supporting rail for series terminals - Corrosion proof coating - Mounting plates - Hold hinges - Hinges - EMC-Shielding
	100.122.035	AS 122	180	120	100	Silicon-gasket	 Internal hinges External mounting brackets Protection Class IP 67 Supporting rail for series terminals Corrosion proof coating Mounting plates Hold hinges Hinges EMC-Shielding
	100.124.035	AS 124	240	120	100	Silicon-gasket	 Internal hinges External mounting brackets Protection Class IP 67 Supporting rail for series terminals Corrosion proof coating Mounting plates Hold hinges Hinges EMC-Shielding
	100.160.035	AS 160	160	160	100	Silicon-gasket	 Internal hinges External mounting brackets Protection Class IP 67 Supporting rail for series terminals Corrosion proof coating Mounting plates Hold hinges Hinges EMC-Shielding
	100.162.035	AS 162	240	160	100	Silicon-gasket	- Internal hinges - External mounting brackets - Protection Class IP 67 - Supporting rail for series terminals - Corrosion proof coating - Mounting plates - Hold hinges - Hinges - EMC-Shielding
	100.164.035	AS 164	320	160	100	Silicon-gasket	- Supporting rail for series terminals - Protection Class IP 67 - Mounting plates - Internal hinges - External mounting brackets - Hold hinges - Hinges - EMC-Shielding - Corrosion proof coating

Photo	No.	Туре	Length L	Width W	Height H	Gasket H	Optional available
	100.166.035	AS 166	480	160	100	Silicon-gasket	- Supporting rail for series terminals - Protection Class IP 67 - Mounting plates - Internal hinges - External mounting brackets - Hold hinges - Hinges - EMC-Shielding - Corrosion proof coating
•	100.200.035	AS 200	200	200	120	Silicon-gasket	- Supporting rail for series terminals - Protection Class IP 67 - Mounting plates - Internal hinges - External mounting brackets - Hold hinges - Hinges - EMC-Shielding - Corrosion proof coating
	100.202.035	AS 202	300	200	120	Silicon-gasket	- Supporting rail for series terminals - Protection Class IP 67 - Mounting plates - Internal hinges - External mounting brackets - Hold hinges - Hinges - EMC-Shielding - Corrosion proof coating
	100.204.035	AS 204	400	200	120	Silicon-gasket	- Supporting rail for series terminals - Protection Class IP 67 - Mounting plates - Internal hinges - External mounting brackets - Hold hinges - Hinges - EMC-Shielding - Corrosion proof coating
	100.240.035	AS 240	240	240	120	Silicon-gasket	- Supporting rail for series terminals - Protection Class IP 67 - Mounting plates - Internal hinges - External mounting brackets - Hold hinges - Hinges - EMC-Shielding - Corrosion proof coating
	100.242.035	AS 242	360	240	120	Silicon-gasket	- External mounting brackets - Hold hinges - Hinges - EMC-Shielding - Corrosion proof coating - Supporting rail for series terminals - Protection Class IP 67 - Mounting plates - Internal hinges
	100.244.035	AS 244	480	240	120	Silicon-gasket	- Supporting rail for series terminals - Protection Class IP 67 - Mounting plates - Internal hinges - External mounting brackets - Hold hinges - Hinges - EMC-Shielding - Corrosion proof coating

Photo	No.	Type	Lenath L	Width W	Height H	Gasket H	Optional available
	100.320.035	AS 320	320	320	120	Silicon-gasket	- Supporting rail for series terminals - Protection Class IP 67 - Mounting plates - Internal hinges - External mounting brackets - Hold hinges - Hinges - EMC-Shielding - Corrosion proof coating
	100.322.035	AS 322	480	320	120	Silicon-gasket	- Supporting rail for series terminals - Protection Class IP 67 - Mounting plates - Internal hinges - External mounting brackets - Hold hinges - Hinges - EMC-Shielding - Corrosion proof coating
	100.324.035	AS 324	640	320	120	Silicon-gasket	- Supporting rail for series terminals - Protection Class IP 67 - Mounting plates - Internal hinges - External mounting brackets - Hold hinges - Hinges - EMC-Shielding - Corrosion proof coating
	101.080.035	AD 080	80	80	60	Silicon-gasket	 Cross rail Mounting plates Protection Class IP 67 External mounting brackets EMC-Shielding Block terminal support Corrosion proof coating Supporting rail for series terminals
	101.082.035	AD 082	120	80	60	Silicon-gasket	- Cross rail - Mounting plates - Protection Class IP 67 - External mounting brackets - EMC-Shielding - Block terminal support - Corrosion proof coating - Supporting rail for series terminals
	101.084.035	AD 084	160	80	60	Silicon-gasket	- Cross rail - Mounting plates - Protection Class IP 67 - External mounting brackets - EMC-Shielding - Block terminal support - Corrosion proof coating - Supporting rail for series terminals
	101.100.035	AD 100	100	100	80	Silicon-gasket	- External mounting brackets - Protection Class IP 67 - Supporting rail for series terminals - Corrosion proof coating - Cross rail - Mounting plates - Hold hinges - Hinges
	101.102.035	AD 102	150	100	80	Silicon-gasket	 EMC-Shielding External mounting brackets Protection Class IP 67 Supporting rail for series terminals Corrosion proof coating



Photo	No.	Туре	Length L	Width W	Height H	Gasket H	Optional available
	101.104.035	AD 104	200	100	80	Silicon-gasket	- External mounting brackets - Protection Class IP 67 - Supporting rail for series terminals - Corrosion proof coating - Cross rail - Mounting plates - Hold hinges - Hinges - EMC-Shielding
•	101.120.035	AD 120	120	120	100	Silicon-gasket	- Internal hinges - External mounting brackets - Protection Class IP 67 - Supporting rail for series terminals - Corrosion proof coating - Cross rail - Mounting plates - Hold hinges - Hinges - EMC-Shielding
•	101.122.035	AD 122	180	120	100	Silicon-gasket	- Internal hinges - External mounting brackets - Protection Class IP 67 - Supporting rail for series terminals - Corrosion proof coating - Cross rail - Mounting plates - Hold hinges - Hinges - EMC-Shielding
	101.124.035	AD 124	240	120	100	Silicon-gasket	 Internal hinges External mounting brackets Protection Class IP 67 Supporting rail for series terminals Corrosion proof coating Cross rail Mounting plates Hold hinges Hinges EMC-Shielding
•	101.160.035	AD 160	160	160	100	Silicon-gasket	- Internal hinges - External mounting brackets - Protection Class IP 67 - Supporting rail for series terminals - Corrosion proof coating - Cross rail - Mounting plates - Hold hinges - Hinges - EMC-Shielding
	101.162.035	AD 162	240	160	100	Silicon-gasket	- External mounting brackets - Protection Class IP 67 - Supporting rail for series terminals - Corrosion proof coating - Cross rail - Mounting plates - Hold hinges - Hinges - EMC-Shielding - Internal hinges
	101.164.035	AD 164	320	160	100	Silicon-gasket	Protection Class IP 67 Internal hinges External mounting brackets Supporting rail for series terminals Corrosion proof coating Cross rail



Photo	No.	Туре	Length L	Width W	Height H	Gasket H	Optional available
	101.166.035	AD 166	480	160	100	Silicon-gasket	- Protection Class IP 67 - Internal hinges - External mounting brackets - Supporting rail for series terminals - Corrosion proof coating - Cross rail - Mounting plates - Hold hinges - Hinges - EMC-Shielding
•	101.200.035	AD 200	200	200	120	Silicon-gasket	- EMC-Shielding - Protection Class IP 67 - Internal hinges - External mounting brackets - Supporting rail for series terminals - Corrosion proof coating - Cross rail - Mounting plates - Hold hinges - Hinges
	101.202.035	AD 202	300	200	120	Silicon-gasket	- Protection Class IP 67 - Internal hinges - External mounting brackets - Supporting rail for series terminals - Corrosion proof coating - Cross rail - Mounting plates - Hold hinges - Hinges - EMC-Shielding
	101.204.035	AD 204	400	200	120	Silicon-gasket	- Protection Class IP 67 - Internal hinges - External mounting brackets - Supporting rail for series terminals - Corrosion proof coating - Cross rail - Mounting plates - Hold hinges - Hinges - EMC-Shielding
	101.240.035	AD 240	240	240	120	Silicon-gasket	- Protection Class IP 67 - Internal hinges - External mounting brackets - Corrosion proof coating - Cross rail - Mounting plates - Hold hinges - Hinges - EMC-Shielding
	101.242.035	AD 242	360	240	120	Silicon-gasket	- Protection Class IP 67 - Internal hinges - External mounting brackets - Supporting rail for series terminals - Corrosion proof coating - Cross rail - Mounting plates - Hold hinges - Hinges - EMC-Shielding
	101.244.035	AD 244	480	240	120	Silicon-gasket	- Protection Class IP 67 - Internal hinges - External mounting brackets - Supporting rail for series terminals - Corrosion proof coating - Cross rail - Mounting plates





101.320.035

AD 320

320

320

120 Silicon-gasket

- Protection Class IP 67

- Internal hinges
- External mounting brackets

- Supporting rail for series terminals



Photo	No.	Туре	Length L	Width W	Height H	Gasket H	Optional available
	101.322.035	AD 322	480	320	120	Silicon-gasket	- Protection Class IP 67 - Internal hinges - External mounting brackets - Supporting rail for series terminals - Corrosion proof coating - Cross rail - Mounting plates - Hold hinges - Hinges - EMC-Shielding
	101.324.035	AD 324	640	320	120	Silicon-gasket	- Protection Class IP 67 - Internal hinges - External mounting brackets - Supporting rail for series terminals - Corrosion proof coating - Cross rail - Mounting plates - Hold hinges - Hinges - EMC-Shielding
	102.080.035	AF 080	80	80	40	Silicon-gasket	 Cross rail Mounting plates Protection Class IP 67 External mounting brackets EMC-Shielding Block terminal support Corrosion proof coating
	102.082.035	AF 082	120	80	40	Silicon-gasket	 Cross rail Mounting plates Protection Class IP 67 External mounting brackets EMC-Shielding Block terminal support Corrosion proof coating
	102.084.035	AF 084	160	80	40	Silicon-gasket	 Cross rail Protection Class IP 67 Mounting plates External mounting brackets EMC-Shielding Block terminal support Corrosion proof coating
	102.100.035	AF 100	100	100	54	Silicon-gasket	 Cross rail Mounting plates Protection Class IP 67 External mounting brackets EMC-Shielding Supporting rail for series terminals Corrosion proof coating
	102.102.035	AF 102	150	100	54	Silicon-gasket	 Cross rail Mounting plates Protection Class IP 67 External mounting brackets EMC-Shielding Supporting rail for series terminals Corrosion proof coating
	102.104.035	AF 104	200	100	54	Silicon-gasket	 Cross rail Protection Class IP 67 Mounting plates External mounting brackets EMC-Shielding Supporting rail for series terminals Corrosion proof coating

Photo	No.	Туре	Length L	Width W	Height H	Gasket H	Optional available
•	102.120.035	AF 120	120	120	66	Silicon-gasket	- Cross rail - Protection Class IP 67 - Mounting plates - External mounting brackets - Hold hinges - Hinges - EMC-Shielding - Supporting rail for series terminals - Corrosion proof coating
	102.122.035	AF 122	180	120	66	Silicon-gasket	- External mounting brackets - Protection Class IP 67 - Supporting rail for series terminals - Corrosion proof coating - Cross rail - Mounting plates - Hold hinges - Hinges - EMC-Shielding
	102.124.035	AF 124	240	120	66	Silicon-gasket	 External mounting brackets Protection Class IP 67 Supporting rail for series terminals Corrosion proof coating Cross rail Mounting plates Hold hinges Hinges EMC-Shielding
•	102.160.035	AF 160	160	160	66		- Cross rail - Protection Class IP 67 - Mounting plates - External mounting brackets - Hold hinges - Hinges - EMC-Shielding - Supporting rail for series terminals - Corrosion proof coating
	102.162.035	AF 162	240	160	66	Silicon-gasket	- External mounting brackets - Protection Class IP 67 - Supporting rail for series terminals - Corrosion proof coating - Cross rail - Mounting plates - Hold hinges - Hinges - EMC-Shielding
	102.164.035	AF 164	320	160	66		- Cross rail - Protection Class IP 67 - Mounting plates - Hold hinges - Hinges - EMC-Shielding - Supporting rail for series terminals - Corrosion proof coating
	102.166.035	AF 166	480	160	66		- Cross rail - Protection Class IP 67 - Mounting plates - External mounting brackets - Hold hinges - Hinges - EMC-Shielding - Supporting rail for series terminals - Corrosion proof coating

Photo	No.	Туре	Length L	Width W	Height H	Gasket H	Optional available
	102.200.035	AF 200	200	200	80		- Cross rail - Protection Class IP 67 - Mounting plates - External mounting brackets - Hold hinges - Hinges - EMC-Shielding - Supporting rail for series terminals - Corrosion proof coating
	102.202.035	AF 202	300	200	80		- Cross rail - Protection Class IP 67 - Mounting plates - External mounting brackets - Hold hinges - Hinges - EMC-Shielding - Supporting rail for series terminals - Corrosion proof coating
	102.204.035	AF 204	400	200	80		- Cross rail - Protection Class IP 67 - Mounting plates - External mounting brackets - Hold hinges - Hinges - EMC-Shielding - Supporting rail for series terminals - Corrosion proof coating
	102.240.035	AF 240	240	240	80		- Cross rail - Protection Class IP 67 - Mounting plates - External mounting brackets - Hold hinges - Hinges - EMC-Shielding - Supporting rail for series terminals - Corrosion proof coating
	102.242.035	AF 242	360	240	80		- Cross rail - Protection Class IP 67 - Mounting plates - External mounting brackets - Hold hinges - Hinges - EMC-Shielding - Supporting rail for series terminals - Corrosion proof coating
	102.244.035	AF 244	480	240	80		- Cross rail - Protection Class IP 67 - Mounting plates - External mounting brackets - Hold hinges - Hinges - EMC-Shielding - Supporting rail for series terminals - Corrosion proof coating
	102.320.035	AF 320	320	320	80		- Protection Class IP 67 - Mounting plates - External mounting brackets - Hold hinges - Hinges - EMC-Shielding - Supporting rail for series terminals - Corrosion proof coating - Cross rail

Photo	No.	Туре	Length L	Width W	Height H	Gasket H	Optional available
	102.322.035	AF 322	480	320	80		- Cross rail - Protection Class IP 67 - Mounting plates - External mounting brackets - Hold hinges - Hinges - EMC-Shielding - Supporting rail for series terminals - Corrosion proof coating
	102.324.035	AF 324	640	320	80		- Cross rail - Protection Class IP 67 - Mounting plates - External mounting brackets - Hold hinges - Hinges - EMC-Shielding - Supporting rail for series terminals
	103.100.035	AH 100	100	100	106	Silicon-gasket	 Corrosion proof coating Mounting plates Protection Class IP 67 External mounting brackets Hold hinges Hinges EMC-Shielding Corrosion proof coating
	103.102.035	AH 102	150	100	106		 Protection Class IP 67 Mounting plates External mounting brackets Hold hinges Hinges Corrosion proof coating
	103.104.035	AH 104	200	100	106		 Protection Class IP 67 Mounting plates External mounting brackets Hold hinges Hinges Corrosion proof coating
	103.120.035	AH 120	120	120	134		 Protection Class IP 67 Mounting plates External mounting brackets Hold hinges Hinges Corrosion proof coating
	103.122.035	AH 122	180	120	134		 Protection Class IP 67 Mounting plates External mounting brackets Hold hinges Hinges
	103.124.035	AH 124	240	120	134		- Corrosion proof coating - Protection Class IP 67 - Mounting plates - External mounting brackets - Hold hinges - Hinges
	103.160.035	AH 160	160	160	134		- Corrosion proof coating - Mounting plates - Protection Class IP 67 - External mounting brackets - Hold hinges - Hinges - EMC-Shielding
	103.162.035	AH 162	240	160	134		 Corrosion proof coating Protection Class IP 67 Mounting plates External mounting brackets Hold hinges Hinges Corrosion proof coating



Photo	No.	Туре	Length L	Width W	Height H	Gasket H	Optional available
	103.164.035	AH 164	320	160	134		- Protection Class IP 67 - Mounting plates - External mounting brackets - Hold hinges - Hinges - Corrosion proof coating
	103.166.035	AH 166	480	160	134		 Protection Class IP 67 Mounting plates External mounting brackets Hold hinges Hinges Corrosion proof coating
	103.200.035	AH 200	200	200	159		 Protection Class IP 67 Mounting plates External mounting brackets Hold hinges Hinges Corrosion proof coating
	103.202.035	AH 202	300	200	159		 Protection Class IP 67 Mounting plates External mounting brackets Hold hinges Hinges Corrosion proof coating
	103.204.035	AH 204	400	200	159		 Protection Class IP 67 Mounting plates External mounting brackets Hold hinges Hinges Corrosion proof coating
	103.240.035	AH 240	240	240	159		 Protection Class IP 67 Mounting plates External mounting brackets Hold hinges Hinges Corrosion proof coating
	103.242.035	AH 242	360	240	159		 Protection Class IP 67 Mounting plates External mounting brackets Hold hinges Hinges Corrosion proof coating
	103.244.035	AH 244	480	240	159		- Protection Class IP 67 - Mounting plates - External mounting brackets - Hold hinges - Hinges - Corrosion proof coating