

106.081.000
aluKOM AK 081



technical data

Material	Aluminium
Protection class	IP 66/EN 60529
Colour	Pebble grey RAL 7032
Certifications	GOST
Length	75 mm
Width	80 mm
Height	57 mm
Weight (g)	290 g
Country of manufacture	Germany
Customs tariff number	76169910

aluKOM

CLASSIC, INDUSTRY STANDARD DIECAST ALUMINIUM ENCLOSURES FOR INDUSTRIAL EQUIPMENT

IP 66

aluKOM is a watertight IP66 enclosure made from diecast aluminium which has gone on to become the global standard since its introduction. Originally developed as a terminal enclosure, it is ideal for mounting all types of electronic and electrical components.

The large range of sizes is suitable for many different applications. aluKOM is also available with an EMC gasket. Threaded screw bosses are provided in the base for fitting circuit boards, terminal rails, mounting plates etc. Compatible cable glands and accessories are also available.

We can supply aluKOM enclosures fully customised to your requirements.

Enclosure sizes
24 sizes

Dimensions: L x W x H

50 x 45 x 30mm to 600 x 310 x 110mm

Additional info
Compatible with available standard products

Wide variety of accessories

Optional: EMC model also available

Enclosure
Die-cast 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
Separate screw channels, fastening brackets available as accessories

Internal mounting
M4/M6 fastening thread in lateral bars on the enclosure base

Ingress protection
IP 66 / EN 60529

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, pebble grey RAL 7032

Optional: Special colours

Optional: Corrosion protection

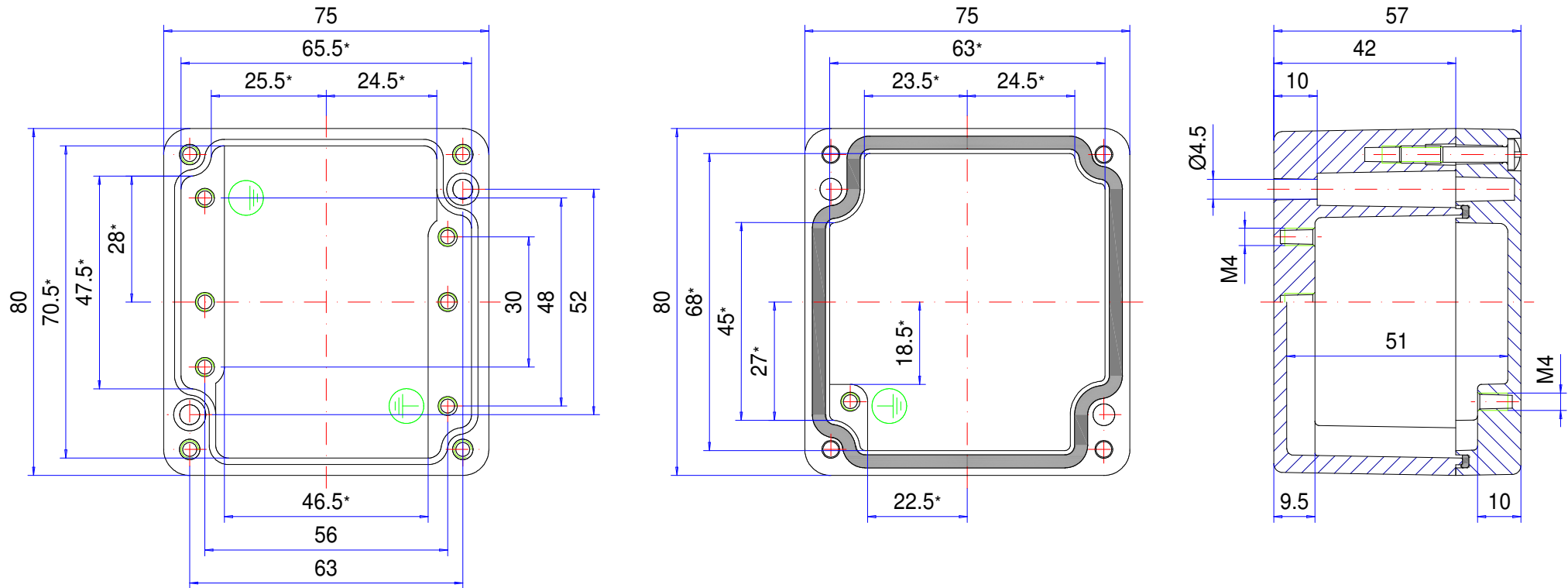
Customising

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

Enclosure series aluKOM

Type: AK 081

Material-No.: 106.081.000



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

Enclosure material	GD-Al Si 12 (DIN 1725)		Weight	290 g
Lid screws	4x stainless steel 1.4567 (V2A), captive		Earthing screws	2x M4x6, copper-plated
Gasket	1x TPE moulded gasket, silicone-free, black		Coating	Powder coating RAL 7032, pebble grey
Ingress protection	IP66 EN 60529		Tolerance	GTA 13/5 DIN 1688-4 (outside dimensions ±0,5mm)