

180.081.000
polyKOM PK 081



technical data

Material	Polyester
Protection class	IP 65 EN 60529
Colour	Silver grey RAL 7001
Certifications	GOST, Germanischer Lloyd (optional)
Length	80 mm
Width	75 mm
Height	55 mm
Weight (g)	230 g
Country of manufacture	Germany
Customs tariff number	39269097

polyKOM

PRACTICAL AND ECONOMIC STANDARD ENCLOSURES IN GLASS-FIBRE REINFORCED POLYESTER

IP 65

polyKOM is a practical and economic range of standard IP 65 enclosures made from weather-resistant polyester. The enclosures are available in 15 industry standard sizes which makes them interchangeable with other standard products. All types of electronic components and electrical assemblies can be fitted inside.

Options include external hinges, exterior supporting hinges and external mounting brackets. Threaded screw bosses are provided in the base for fitting mounting plates, circuit boards or terminal rails. Cable glands and other accessories are also available.

We can supply polyKOM enclosures fully customised to your requirements.

Enclosure sizes

15 sizes

Dimensions L x W x H

80 x 75 x 55mm to 400 x 405 x 120mm

Further information

Corrosion-resistant

Locking screws with plus/minus screw head or captive Allen screw

Application-specific accessories available

Full protective insulation in accordance with VDE 0100

Enclosure

Polyester glass fibre reinforced, halogen-free

similar to RAL 7001, silver grey, surface resistance > 10⁹ Ohm

Optional: similar to RAL 9005, deep black, surface resistance < 10⁹ Ohm

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

Flammability

UL 94 V-0, self-extinguishing

Fastening

Separate screw channels outside of the enclosure interior

Optional: External mounting brackets made from stainless steel

Internal mounting

M4/M6 threaded bushing on the enclosure base

Ingress protection

IP 65 / EN 60529, VDE 0470-1

Gasket

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

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

Lid screws

Stainless steel 1.4567, captive

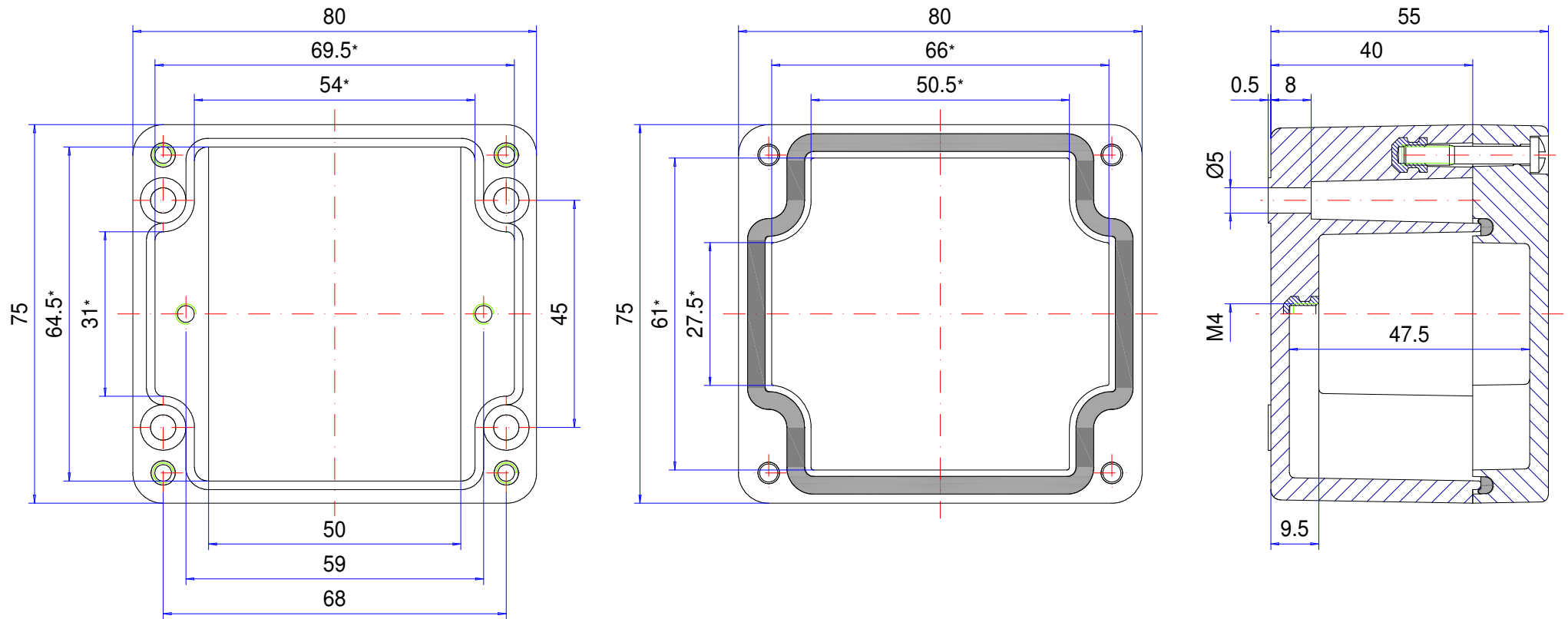
Customising

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


Enclosure series polyKOM

Type: PK 081

Material-No.: 180.081.000



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

Enclosure material	Polyester GrP, UL 94 V-0, RAL 7000, squirrel grey		Ingress protection	IP65 EN 60529
Lid screws	4x stainless steel 1.4567 (V2A), captive		Weight	230 g
Gasket	1x Chloroprene (CR), light grey		Tolerance	DIN ISO 16901 T-130 (outside dimensions ±0,5mm)