

180.163.000
polyKOM PK 163



technical data

Material	Polyester
Protection class	IP 65 EN 60529
Colour	RAL 7000 RAL 7000
Certifications	Germanischer Lloyd (optional)
Length	14.173" 360 mm
Width	6.299" 160 mm
Height	3.543" 90 mm
Weight (g)	2150 g
Country of manufacture	Germany
Customs tariff number	39269097

polyKOM

PRACTICAL AND ECONOMIC STANDARD ENCLOSURES IN GLASS-FIBER REINFORCED POLYESTER

IP 65 The key product features:

- Enclosure material: glass-fibre reinforced polyester
- Enclosure surface: similar to RAL 7000
- External mounting
- Captive Allen lid screw
- Hold hinge
- Exterior hinge
- Compatible with standard enclosures available on the market, therefore easy to exchange
- Flammability: UL-94 V0
- Lid screws stainless steel 1.4567
- Ingress protection IP 65
- Enclosure seal: O-ring gasket (CR)

polyKOM is a practical and economic range of standard IP 65 enclosures made from weather-resistant polyester. The enclosure 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 customized to your requirements.

Enclosure sizes
15

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 fiber reinforced, halogen-free

similar to RAL 7000, squirrel gray, surface resistance > 10⁹ Ohm

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

1° mold 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)

Optional: Silicone gasket

Lid screws

Stainless steel 1.4567, captive

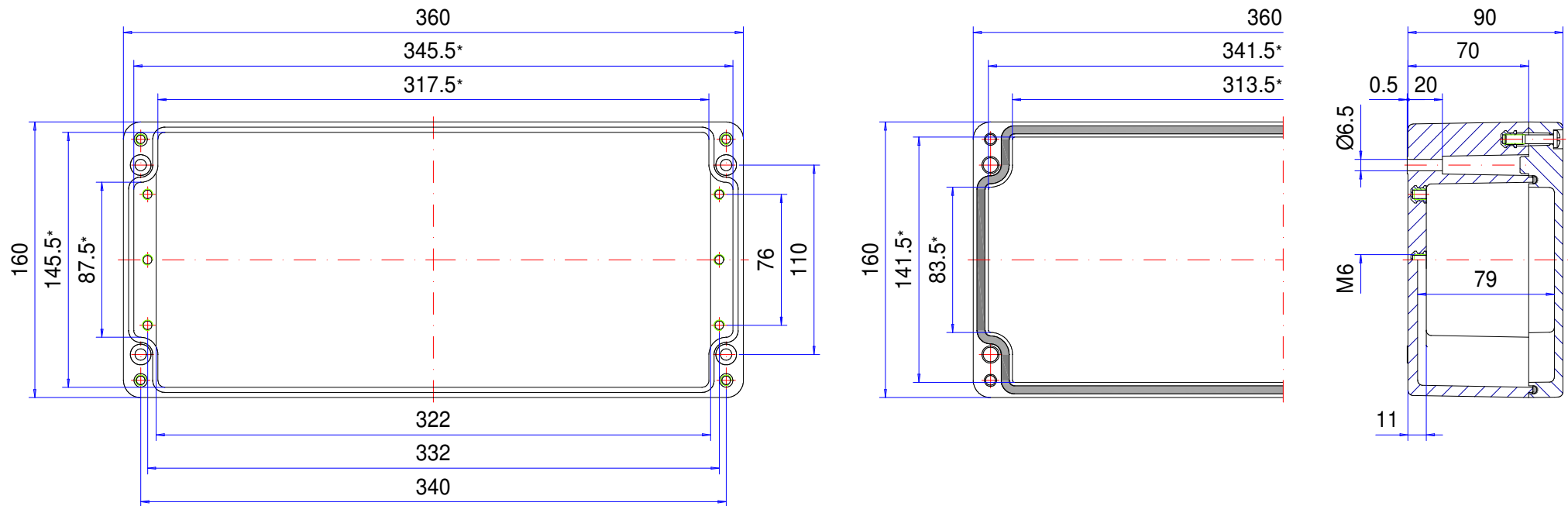
Customizing

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


Enclosure series polyKOM

Type: PK 163

Material-No.: 180.163.000



* 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	2.150 g
Gasket	1x Chloroprene (CR), light grey		Tolerance	DIN ISO 16901 T-130 (outside dimensions $\pm 0,5\text{mm}$)