

polyKOM

THE POLYESTER STANDARD ENCLOSURE

IP 65

The key product features:

- Enclosure material: glass-fibre reinforced polyester
- Enclosure surface: similar to RAL 7000
- Compatible with standard enclosures available on the market, therefore easy to exchange
- Flammability: UL-94 V0
- Lid screws stainless steel 1.4567
- Enclosure seal: O-ring gasket (EPDM)

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

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 7000, squirrel 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

O-ring gasket (EPDM)

Optional: Silicone gasket

Lid screws

Stainless steel 1.4567, captive

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
	180.081.000	PK 081	80	75	55	Silicon-gasket	- Supporting rail for series terminals - Mounting plates
	180.082.000	PK 082	110	75	55	Silicon-gasket	- Supporting rail for series terminals - Mounting plates
	180.083.000	PK 083	160	75	55	Silicon-gasket	- Supporting rail for series terminals - Mounting plates
	180.084.000	PK 084	190	75	55	Silicon-gasket	- Supporting rail for series terminals - Mounting plates
	180.121.000	PK 121	122	120	90	Silicon-gasket	- Mounting plates - External mounting brackets - Captive allen screw - Hinges - Supporting rail for series terminals
	180.123.000	PK 123	220	120	90	Silicon-gasket	- Mounting plates - External mounting brackets - Captive allen screw - Hinges - Supporting rail for series terminals
	180.161.000	PK 161	160	160	90	Silicon-gasket	- Mounting plates - External mounting brackets - Captive allen screw - Hinges - Supporting rail for series terminals
	180.162.000	PK 162	260	160	90	Silicon-gasket	- Mounting plates - External mounting brackets - Captive allen screw - Hinges - Supporting rail for series terminals
	180.163.000	PK 163	360	160	90	Silicon-gasket	- Mounting plates - External mounting brackets - Captive allen screw - Hinges - Supporting rail for series terminals
	180.164.000	PK 164	560	160	90	Silicon-gasket	- Mounting plates - External mounting brackets - Captive allen screw - Hinges - Supporting rail for series terminals
	180.251.000	PK 251	255	250	120	Silicon-gasket	- Mounting plates - External mounting brackets - Captive allen screw - Hinges - Supporting rail for series terminals
	180.252.000	PK 252	400	250	120	Silicon-gasket	- Mounting plates - External mounting brackets - Captive allen screw - Hinges - Supporting rail for series terminals
	180.254.000	PK 254	600	250	120	Silicon-gasket	- Mounting plates - External mounting brackets - Captive allen screw - Hinges - Supporting rail for series terminals

Photo	No.	Type	Length L	Width W	Height H	Gasket H	Optional available
	180.411.000	PK 411	400	405	120	Silicon-gasket	<ul style="list-style-type: none">- Mounting plates- External mounting brackets- Captive allen screw- Hinges- Supporting rail for series terminals
	182.081.000	PKH 081	80	75	75	Silicon-gasket	<ul style="list-style-type: none">- Supporting rail for series terminals- Mounting plates