



## polyKOM

### 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 > 10<sup>9</sup> Ohm

Optional: similar to RAL 9005, deep black, surface resistance < 10<sup>9</sup> 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

**Dimensions**
















Photo	Part-No.	Type	Length	Width	Height	Ingress protection	Gasket	Available Options
	<a href="#">180.081.000</a>	polyKOM PK 081	80	75	55	IP 65 EN 60529		Supporting rail for series terminals, Mounting plates, Silicon-gasket
	<a href="#">180.082.000</a>	polyKOM PK 082	110	75	55	IP 65 EN 60529		Supporting rail for series terminals, Mounting plates, Silicon-gasket
	<a href="#">180.083.000</a>	polyKOM PK 083	160	75	55	IP 65 EN 60529		Supporting rail for series terminals, Mounting plates, Silicon-gasket
	<a href="#">180.084.000</a>	polyKOM PK 084	190	75	55	IP 65 EN 60529		Supporting rail for series terminals, Mounting plates, Silicon-gasket
	<a href="#">180.121.000</a>	polyKOM PK 121	122	120	90	IP 65 EN 60529		Mounting plates, External mounting brackets, Silicon-gasket, Captive allen screw, Hinges, Supporting rail for series terminals
	<a href="#">180.123.000</a>	polyKOM PK 123	220	120	90	IP 65 EN 60529		Mounting plates, External mounting brackets, Silicon-gasket, Captive allen screw, Hinges, Supporting rail for series terminals
	<a href="#">180.161.000</a>	polyKOM PK 161	160	160	90	IP 65 EN 60529		Mounting plates, External mounting brackets, Silicon-gasket, Captive allen screw, Hinges, Supporting rail for series terminals
	<a href="#">180.162.000</a>	polyKOM PK 162	260	160	90	IP 65 EN 60529		Mounting plates, External mounting brackets, Silicon-gasket, Captive allen screw, Hinges, Supporting rail for series terminals
	<a href="#">180.163.000</a>	polyKOM PK 163	360	160	90	IP 65 EN 60529		Mounting plates, External mounting brackets, Silicon-gasket, Captive allen screw, Hinges, Supporting rail for series terminals
	<a href="#">180.164.000</a>	polyKOM PK 164	560	160	90	IP 65 EN 60529		Mounting plates, External mounting brackets, Silicon-gasket, Captive allen screw, Hinges, Supporting rail for series terminals
	<a href="#">180.251.000</a>	polyKOM PK 251	255	250	120	IP 65 EN 60529		Mounting plates, External mounting brackets, Silicon-gasket, Captive allen screw, Hinges, Supporting rail for series terminals
	<a href="#">180.252.000</a>	polyKOM PK 252	400	250	120	IP 65 EN 60529		Mounting plates, External mounting brackets, Silicon-gasket, Captive allen screw, Hinges, Supporting rail for series terminals

Photo	Part-No.	Type	Length	Width	Height	Ingress protection	Gasket	Available Options
	<a href="#">180.254.000</a>	polyKOM PK 254	600	250	120	IP 65 EN 60529		Mounting plates, External mounting brackets, Silicon-gasket, Captive allen screw, Hinges, Supporting rail for series terminals
	<a href="#">180.411.000</a>	polyKOM PK 411	400	405	120	IP 65 EN 60529		Mounting plates, External mounting brackets, Silicon-gasket, Captive allen screw, Hinges, Supporting rail for series terminals
	<a href="#">182.081.000</a>	polyKOM PKH 081	80	75	75	IP 65 EN 60529		Supporting rail for series terminals, Mounting plates, Silicon-gasket