



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 customized to your requirements.

Enclosure sizes
15 sizes

Dimensions L x W x H

3,14" x 2,95" x 2,16" to 15,74" x 15,94" x 4,72"

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 7001, silver 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), temperature resistance: -30°C to +90°C

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

Lid screws

Stainless steel 1.4567, captive

Customizing

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

Sizes / Options
















Photo	Part-No.	Type	Length	Width	Height	Ingress protection	Gasket	Available Options
	180.081.000	polyKOM PK 081	80	75	55	IP 65 EN 60529		Supporting rail for series terminals, Mounting plates, Silicon-gasket
	180.082.000	polyKOM PK 082	110	75	55	IP 65 EN 60529		Supporting rail for series terminals, Mounting plates, Silicon-gasket
	180.083.000	polyKOM PK 083	160	75	55	IP 65 EN 60529		Supporting rail for series terminals, Mounting plates, Silicon-gasket
	180.084.000	polyKOM PK 084	190	75	55	IP 65 EN 60529		Supporting rail for series terminals, Mounting plates, Silicon-gasket
	180.121.000	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
	180.123.000	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
	180.161.000	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
	180.162.000	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
	180.163.000	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
	180.164.000	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
	180.251.000	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
	180.252.000	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
	180.254.000	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
	180.411.000	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
	182.081.000	polyKOM PKH 081	80	75	75	IP 65 EN 60529		Supporting rail for series terminals, Mounting plates, Silicon-gasket