



## polyKOM-Ex

### IP 65

polyKOM-EX enclosures are made of glass-fibre reinforced polyester. The enclosures are tested to IP 65 protection class and can be supplied as empty enclosures or as Ex e and Ex i models. A range of accessories such as Ex cable glands and much more is available.

Enclosure sizes  
14 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 such as mounting plates made from galvanised sheet steel, series terminals etc.

Optional: Approved Ex e and Ex i cable glands from various manufacturers

Optional: Approved Ex e and Ex i series terminals from various manufacturers

Empty enclosure approvals  
II 2 GD Ex e II tD A21 IP65

KEMA 02ATEX2055 U

Operational temperature range  
-40°C to +100°C

Terminal enclosure approvals  
II 2 GD Ex e II T6 tD A21 T80°C IP65

II 2 GD Ex e ia IIC T6 tD A21 T80°C IP65

II 1 G Ex ia IIC T6 IP65

KEMA 02ATEX2055

Ambient temperature range  
-40°C to +40°C

Earth connection  
In the interior through earth bar or PE terminals

Enclosure  
Polyester glass fiber reinforced, halogen-free

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

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

Atmospheric temperature  
-40°C to +40°C

Flammability  
UL 94 V-0

Fastening  
Through 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

#### Gasket

Tongue and groove system with silicone gasket, temperature range: -50°C to +140°C

#### Lid screws

Stainless steel 1.4567, captive

#### Customizing

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

**PK-Ex-leer Sizes**






Photo	Part-No.	Type	Length	Width	Height	Ingress protection	Gasket	Available Options
	<a href="#"><u>188.081.000</u></a>	polyKOM-Ex PK-Ex-leer 081	80	75	55	IP 65 EN 60529		Supporting rail for series terminals, Mounting plates
	<a href="#"><u>188.082.000</u></a>	polyKOM-Ex PK-Ex-leer 082	110	75	55	IP 65 EN 60529		Supporting rail for series terminals, Mounting plates
	<a href="#"><u>188.083.000</u></a>	polyKOM-Ex PK-Ex-leer 083	160	75	55	IP 65 EN 60529		Supporting rail for series terminals, Mounting plates
	<a href="#"><u>188.084.000</u></a>	polyKOM-Ex PK-Ex-leer 084	190	75	55	IP 65 EN 60529		Supporting rail for series terminals, Mounting plates
	<a href="#"><u>188.121.000</u></a>	polyKOM-Ex PK-Ex-leer 121	122	120	90	IP 65 EN 60529		Mounting plates, External mounting brackets, Captive allen screw, Hinges, Supporting rail for series terminals
	<a href="#"><u>188.123.000</u></a>	polyKOM-Ex PK-Ex-leer 123	220	120	90	IP 65 EN 60529		Mounting plates, External mounting brackets, Captive allen screw, Hinges, Supporting rail for series terminals
	<a href="#"><u>188.161.000</u></a>	polyKOM-Ex PK-Ex-leer 161	160	160	90	IP 65 EN 60529		Mounting plates, External mounting brackets, Captive allen screw, Hinges, Supporting rail for series terminals, Earthbar
	<a href="#"><u>188.162.000</u></a>	polyKOM-Ex PK-Ex-leer 162	260	160	90	IP 65 EN 60529		Mounting plates, External mounting brackets, Captive allen screw, Hinges, Supporting rail for series terminals, Earthbar
	<a href="#"><u>188.163.000</u></a>	polyKOM-Ex PK-Ex-leer 163	360	160	90	IP 65 EN 60529		Mounting plates, External mounting brackets, Captive allen screw, Hinges, Supporting rail for series terminals, Earthbar
	<a href="#"><u>188.164.000</u></a>	polyKOM-Ex PK-Ex-leer 164	560	160	90	IP 65 EN 60529		Mounting plates, External mounting brackets, Captive allen screw, Hinges, Supporting rail for series terminals, Earthbar
	<a href="#"><u>188.251.000</u></a>	polyKOM-Ex PK-Ex-leer 251	255	250	120	IP 65 EN 60529		Mounting plates, External mounting brackets, Captive allen screw, Hinges, Supporting rail for series terminals, Earthbar
	<a href="#"><u>188.252.000</u></a>	polyKOM-Ex PK-Ex-leer 252	400	250	120	IP 65 EN 60529		Mounting plates, External mounting brackets, Captive allen screw, Hinges, Supporting rail for series terminals, Earthbar

Photo	Part-No.	Type	Length	Width	Height	Ingress protection	Gasket	Available Options
	<b>188.254.000</b>	polyKOM-Ex PK-Ex-leer 254	600	250	120	IP 65 EN 60529		Mounting plates, External mounting brackets, Captive allen screw, Hinges, Supporting rail for series terminals, Earthbar
	<b>188.411.000</b>	polyKOM-Ex PK-Ex-leer 411	400	405	120	IP 65 EN 60529		Mounting plates, External mounting brackets, Captive allen screw, Hinges, Supporting rail for series terminals, Earthbar

**PK-Exe Sizes**


Photo	Part-No.	Type	Length	Width	Height	Ingress protection	Gasket	Available Options
	<a href="#">184.081.000</a>	polyKOM-Ex PK-Exe 081	80	75	55	IP 65 EN 60529		Supporting rail for series terminals, Mounting plates
	<a href="#">184.082.000</a>	polyKOM-Ex PK-Exe 082	110	75	55	IP 65 EN 60529		Supporting rail for series terminals, Mounting plates
	<a href="#">184.083.000</a>	polyKOM-Ex PK-Exe 083	160	75	55	IP 65 EN 60529		Supporting rail for series terminals, Mounting plates
	<a href="#">184.084.000</a>	polyKOM-Ex PK-Exe 084	190	75	55	IP 65 EN 60529		Supporting rail for series terminals, Mounting plates
	<a href="#">184.121.000</a>	polyKOM-Ex PK-Exe 121	122	120	90	IP 65 EN 60529		Mounting plates, External mounting brackets, Captive allen screw, Hinges, Supporting rail for series terminals
	<a href="#">184.123.000</a>	polyKOM-Ex PK-Exe 123	220	120	90	IP 65 EN 60529		Mounting plates, External mounting brackets, Captive allen screw, Hinges, Supporting rail for series terminals
	<a href="#">184.161.000</a>	polyKOM-Ex PK-Exe 161	160	160	90	IP 65 EN 60529		Mounting plates, External mounting brackets, Captive allen screw, Hinges, Supporting rail for series terminals, Earthbar
	<a href="#">184.162.000</a>	polyKOM-Ex PK-Exe 162	260	160	90	IP 65 EN 60529		Mounting plates, External mounting brackets, Captive allen screw, Hinges, Supporting rail for series terminals, Earthbar
	<a href="#">184.163.000</a>	polyKOM-Ex PK-Exe 163	360	160	90	IP 65 EN 60529		Mounting plates, External mounting brackets, Captive allen screw, Hinges, Supporting rail for series terminals, Earthbar
	<a href="#">184.164.000</a>	polyKOM-Ex PK-Exe 164	560	160	90	IP 65 EN 60529		Mounting plates, External mounting brackets, Captive allen screw, Hinges, Supporting rail for series terminals, Earthbar
	<a href="#">184.251.000</a>	polyKOM-Ex PK-Exe 251	255	250	120	IP 65 EN 60529		Mounting plates, External mounting brackets, Captive allen screw, Hinges, Supporting rail for series terminals, Earthbar
	<a href="#">184.252.000</a>	polyKOM-Ex PK-Exe 252	400	250	120	IP 65 EN 60529		Mounting plates, External mounting brackets, Captive allen screw, Hinges, Supporting rail for series terminals, Earthbar
	<a href="#">184.254.000</a>	polyKOM-Ex PK-Exe 254	600	250	120	IP 65 EN 60529		Mounting plates, External mounting brackets, Captive allen screw, Hinges, Supporting rail for series terminals, Earthbar

Photo	Part-No.	Type	Length	Width	Height	Ingress protection	Gasket	Available Options
	<b>184.411.000</b>	polyKOM-Ex PK-Exe 411	400	405	120	IP 65 EN 60529		Mounting plates, External mounting brackets, Captive allen screw, Hinges, Supporting rail for series terminals, Earthbar



**PK-Exi Sizes**

Photo	Part-No.	Type	Length	Width	Height	Ingress protection	Gasket	Available Options
	<a href="#"><b>186.081.000</b></a>	polyKOM-Ex PK-Exi 081	80	75	55	IP 65 EN 60529		Supporting rail for series terminals, Mounting plates
	<a href="#"><b>186.082.000</b></a>	polyKOM-Ex PK-Exi 082	110	75	55	IP 65 EN 60529		Supporting rail for series terminals, Mounting plates
	<a href="#"><b>186.083.000</b></a>	polyKOM-Ex PK-Exi 083	160	75	55	IP 65 EN 60529		Supporting rail for series terminals, Mounting plates
	<a href="#"><b>186.084.000</b></a>	polyKOM-Ex PK-Exi 084	190	75	55	IP 65 EN 60529		Supporting rail for series terminals, Mounting plates
	<a href="#"><b>186.121.000</b></a>	polyKOM-Ex PK-Exi 121	122	120	90	IP 65 EN 60529		Mounting plates, External mounting brackets, Captive allen screw, Hinges, Supporting rail for series terminals
	<a href="#"><b>186.123.000</b></a>	polyKOM-Ex PK-Exi 123	220	120	90	IP 65 EN 60529		Mounting plates, External mounting brackets, Captive allen screw, Hinges, Supporting rail for series terminals
	<a href="#"><b>186.161.000</b></a>	polyKOM-Ex PK-Exi 161	160	160	90	IP 65 EN 60529		Mounting plates, External mounting brackets, Captive allen screw, Hinges, Supporting rail for series terminals, Earthbar
	<a href="#"><b>186.162.000</b></a>	polyKOM-Ex PK-Exi 162	260	160	90	IP 65 EN 60529		Mounting plates, External mounting brackets, Captive allen screw, Hinges, Supporting rail for series terminals, Earthbar
	<a href="#"><b>186.163.000</b></a>	polyKOM-Ex PK-Exi 163	360	160	90	IP 65 EN 60529		Mounting plates, External mounting brackets, Captive allen screw, Hinges, Supporting rail for series terminals, Earthbar
	<a href="#"><b>186.164.000</b></a>	polyKOM-Ex PK-Exi 164	560	160	90	IP 65 EN 60529		Mounting plates, External mounting brackets, Captive allen screw, Hinges, Supporting rail for series terminals, Earthbar
	<a href="#"><b>186.251.000</b></a>	polyKOM-Ex PK-Exi 251	255	250	120	IP 65 EN 60529		Mounting plates, External mounting brackets, Captive allen screw, Hinges, Supporting rail for series terminals, Earthbar
	<a href="#"><b>186.252.000</b></a>	polyKOM-Ex PK-Exi 252	400	250	120	IP 65 EN 60529		Mounting plates, External mounting brackets, Captive allen screw, Hinges, Supporting rail for series terminals, Earthbar
	<a href="#"><b>186.254.000</b></a>	polyKOM-Ex PK-Exi 254	600	250	120	IP 65 EN 60529		Mounting plates, External mounting brackets, Captive allen screw, Hinges, Supporting rail for series terminals, Earthbar

Photo	Part-No.	Type	Length	Width	Height	Ingress protection	Gasket	Available Options
	<b>186.411.000</b>	polyKOM-Ex PK-Exi 411	400	405	120	IP 65 EN 60529		Mounting plates, External mounting brackets, Captive allen screw, Hinges, Supporting rail for series terminals, Earthbar