



polyDOOR

IP 66

polyDOOR is a range of weather-resistant IP 66 enclosures in glass-fibre reinforced polyester that features a hinged front lid for easy access. The enclosures are ideal for industrial electronics and control equipment used in harsh indoor and outdoor applications.

Special features include integrated hinges for opening the lid, transparent front windows and optional lid fixings: slotted (standard), triangular or square head for tamper protection, and hand screws for fast access. Threaded fixing pillars are provided inside for mounting the components. polyDOOR is available in a wide range of standard sizes. Cable glands and other accessories such as terminal rails and mounting plates are also available.

We can supply polyDOOR enclosures fully customised to your requirements.

Enclosure sizes

8 sizes with closed lid or with a viewing panel in the lid

Dimensions L x W x H

140 x 120 x 100mm to 320 x 200 x 120mm

Further information

Corrosion-resistant lid fastening thread made from stainless steel

Various locking screws available

Application-specific accessories available

Full protective insulation in accordance with VDE 0100

Enclosure

Polyester glass fibre reinforced, halogen-free

similar to RAL 7032, pebble 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

Single-channel lid and assembly fastening outside of the enclosure interior

Optional: External mounting brackets made from stainless steel

Internal mounting

M6 fastening thread on the enclosure floor

Ingress protection

IP 66 / EN 60529

Gasket

EPDM O-ring gasket, temperature resistance: -40°C to +110°C

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

Lid screws

Polyamide, corrosion-resistant and captive, slotted design

Optional lid screws: triangular, square and hand screw

Customising

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

Sizes / Options

Photo	Part-No.	Type	Length	Width	Height	Ingress protection	Gasket	Available Options
	<u>130.120.000</u>	polyDOOR PD 120	140	120	100	IP 66/EN 60529	Hinges, Slotted head screw	Supporting rail for series terminals, Triangular screw, Mounting plates, Collar-head screw, External mounting brackets, Cross rail, Handscrew, Silicon-gasket
	<u>130.122.000</u>	polyDOOR PD 122	200	120	100	IP 66/EN 60529	Hinges, Slotted head screw	Supporting rail for series terminals, Triangular screw, Mounting plates, Collar-head screw, External mounting brackets, Cross rail, Handscrew, Silicon-gasket
	<u>130.124.000</u>	polyDOOR PD 124	260	120	100	IP 66/EN 60529	Hinges, Slotted head screw	Supporting rail for series terminals, Triangular screw, Mounting plates, Collar-head screw, External mounting brackets, Cross rail, Handscrew, Silicon-gasket
	<u>130.160.000</u>	polyDOOR PD 160	180	160	100	IP 66/EN 60529	Hinges, Slotted head screw	Supporting rail for series terminals, Triangular screw, Mounting plates, Collar-head screw, External mounting brackets, Cross rail, Handscrew, Silicon-gasket
	<u>130.162.000</u>	polyDOOR PD 162	260	160	100	IP 66/EN 60529	Hinges, Slotted head screw	Supporting rail for series terminals, Triangular screw, Mounting plates, Collar-head screw, External mounting brackets, Cross rail, Handscrew, Silicon-gasket
	<u>130.164.000</u>	polyDOOR PD 164	340	160	100	IP 66/EN 60529	Hinges, Slotted head screw	Supporting rail for series terminals, Triangular screw, Mounting plates, Collar-head screw, External mounting brackets, Cross rail, Handscrew, Silicon-gasket
	<u>130.200.000</u>	polyDOOR PD 200	220	200	120	IP 66/EN 60529	Hinges, Slotted head screw	Supporting rail for series terminals, Triangular screw, Mounting plates, Collar-head screw, External mounting brackets, Cross rail, Handscrew, Silicon-gasket
	<u>130.202.000</u>	polyDOOR PD 202	320	200	120	IP 66/EN 60529	Hinges, Slotted head screw	Supporting rail for series terminals, Triangular screw, Mounting plates, Collar-head screw, External mounting brackets, Cross rail, Handscrew, Silicon-gasket

Photo	Part-No.	Type	Length	Width	Height	Ingress protection	Gasket	Available Options
	131.120.000	polyDOOR PD 120 FE	140	120	100	IP 66/EN 60529	Hinges, Slotted head screw	Supporting rail for series terminals, Triangular screw, Mounting plates, Collar-head screw, External mounting brackets, Cross rail, Handscrew, Silicon-gasket
	131.122.000	polyDOOR PD 122 FE	200	120	100	IP 66/EN 60529	Hinges, Slotted head screw	Supporting rail for series terminals, Triangular screw, Mounting plates, Collar-head screw, External mounting brackets, Cross rail, Handscrew, Silicon-gasket
	131.124.000	polyDOOR PD 124 FE	260	120	100	IP 66/EN 60529	Hinges, Slotted head screw	Supporting rail for series terminals, Triangular screw, Mounting plates, Collar-head screw, External mounting brackets, Cross rail, Handscrew, Silicon-gasket
	131.160.000	polyDOOR PD 160 FE	180	160	100	IP 66/EN 60529	Hinges, Slotted head screw	Supporting rail for series terminals, Triangular screw, Mounting plates, Collar-head screw, External mounting brackets, Cross rail, Handscrew, Silicon-gasket
	131.162.000	polyDOOR PD 162 FE	260	160	100	IP 66/EN 60529	Hinges, Slotted head screw	Supporting rail for series terminals, Triangular screw, Mounting plates, Collar-head screw, External mounting brackets, Cross rail, Handscrew, Silicon-gasket
	131.164.000	polyDOOR PD 164 FE	340	160	100	IP 66/EN 60529	Hinges, Slotted head screw	Supporting rail for series terminals, Triangular screw, Mounting plates, Collar-head screw, External mounting brackets, Cross rail, Handscrew, Silicon-gasket
	131.200.000	polyDOOR PD 200 FE	220	200	120	IP 66/EN 60529	Hinges, Slotted head screw	Supporting rail for series terminals, Triangular screw, Mounting plates, Collar-head screw, External mounting brackets, Cross rail, Handscrew, Silicon-gasket
	131.202.000	polyDOOR PD 202 FE	320	200	120	IP 66/EN 60529	Hinges, Slotted head screw	Supporting rail for series terminals, Triangular screw, Mounting plates, Collar-head screw, External mounting brackets, Cross rail, Handscrew, Silicon-gasket