

polyDOOR

THE ROBUST, HINGED POLYESTER ENCLOSURE

IP 66

The key product features:

- Enclosure material: glass-fibre reinforced polyester
- Enclosure surface: similar to RAL 7032
- Integrated hinges
- Integrated viewing panel
- Lid screws in polyamide
- Flammability: UL-94 V-0
- Enclosure seal: O-ring gasket (EPDM)

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 customized to your requirements.

Enclosure sizes

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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 fiber reinforced, halogen-free

similar to RAL 7032, pebble 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

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

Optional: Silicone gasket










Lid screws

Polyamide, corrosion-resistant and captive, slotted design

Optional lid screws: triangular, square and hand screw

Customizing

Learn more about our [full customizing service for installation-ready enclosures](#)

Photo	No.	Type	Length L	Width W	Height H	Gasket H	Optional available
	130.120.000	PD 120	140	120	100	Silicon-gasket	<ul style="list-style-type: none"> - Supporting rail for series terminals - Triangular screw - Mounting plates - Collar-head screw - External mounting brackets - Cross rail - Handscrew
	130.122.000	PD 122	200	120	100	Silicon-gasket	<ul style="list-style-type: none"> - Supporting rail for series terminals - Triangular screw - Mounting plates - Collar-head screw - External mounting brackets - Cross rail - Handscrew
	130.124.000	PD 124	260	120	100	Silicon-gasket	<ul style="list-style-type: none"> - Supporting rail for series terminals - Triangular screw - Mounting plates - Collar-head screw - External mounting brackets - Cross rail - Handscrew
	130.160.000	PD 160	180	160	100	Silicon-gasket	<ul style="list-style-type: none"> - Supporting rail for series terminals - Triangular screw - Mounting plates - Collar-head screw - External mounting brackets - Cross rail - Handscrew
	130.162.000	PD 162	260	160	100	Silicon-gasket	<ul style="list-style-type: none"> - Supporting rail for series terminals - Triangular screw - Mounting plates - Collar-head screw - External mounting brackets - Cross rail - Handscrew
	130.164.000	PD 164	340	160	100	Silicon-gasket	<ul style="list-style-type: none"> - Supporting rail for series terminals - Triangular screw - Mounting plates - Collar-head screw - External mounting brackets - Cross rail - Handscrew
	130.200.000	PD 200	220	200	120	Silicon-gasket	<ul style="list-style-type: none"> - Supporting rail for series terminals - Triangular screw - Mounting plates - Collar-head screw - External mounting brackets - Cross rail - Handscrew
	130.202.000	PD 202	320	200	120	Silicon-gasket	<ul style="list-style-type: none"> - Supporting rail for series terminals - Triangular screw - Mounting plates - Collar-head screw - External mounting brackets - Cross rail - Handscrew
	131.120.000	PD 120 FE	140	120	100	Silicon-gasket	<ul style="list-style-type: none"> - Supporting rail for series terminals - Triangular screw - Mounting plates - Collar-head screw - External mounting brackets - Cross rail



131.122.000

PD 122 FE

200

120

100

Silicon-gasket

- Supporting rail for series terminals
- Triangular screw
- Mounting plates
- Collar-head screw

<https://rolec-usa.com>



Our passion is enclosures.

- External mounting brackets
- Crossrail
- Handscrew

Photo	No.	Type	Length L	Width W	Height H	Gasket H	Optional available
	131.124.000	PD 124 FE	260	120	100	Silicon-gasket	- Supporting rail for series terminals - Triangular screw - Mounting plates - Collar-head screw - External mounting brackets - Cross rail - Handscrew
	131.160.000	PD 160 FE	180	160	100	Silicon-gasket	- Supporting rail for series terminals - Triangular screw - Mounting plates - Collar-head screw - External mounting brackets - Cross rail - Handscrew
	131.162.000	PD 162 FE	260	160	100	Silicon-gasket	- Supporting rail for series terminals - Triangular screw - Mounting plates - Collar-head screw - External mounting brackets - Cross rail - Handscrew
	131.164.000	PD 164 FE	340	160	100	Silicon-gasket	- Supporting rail for series terminals - Triangular screw - Mounting plates - Collar-head screw - External mounting brackets - Cross rail - Handscrew
	131.200.000	PD 200 FE	220	200	120	Silicon-gasket	- Supporting rail for series terminals - Triangular screw - Mounting plates - Collar-head screw - External mounting brackets - Cross rail - Handscrew
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