

## **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)

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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

#### **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 < 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**

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

### **Customising**

Learn more about our [full customising 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"> <li>- Supporting rail for series terminals</li> <li>- Triangular screw</li> <li>- Mounting plates</li> <li>- Collar-head screw</li> <li>- External mounting brackets</li> <li>- Cross rail</li> <li>- Handscrew</li> </ul>
	130.122.000	PD 122	200	120	100	Silicon-gasket	<ul style="list-style-type: none"> <li>- Supporting rail for series terminals</li> <li>- Triangular screw</li> <li>- Mounting plates</li> <li>- Collar-head screw</li> <li>- External mounting brackets</li> <li>- Cross rail</li> <li>- Handscrew</li> </ul>
	130.124.000	PD 124	260	120	100	Silicon-gasket	<ul style="list-style-type: none"> <li>- Supporting rail for series terminals</li> <li>- Triangular screw</li> <li>- Mounting plates</li> <li>- Collar-head screw</li> <li>- External mounting brackets</li> <li>- Cross rail</li> <li>- Handscrew</li> </ul>
	130.160.000	PD 160	180	160	100	Silicon-gasket	<ul style="list-style-type: none"> <li>- Supporting rail for series terminals</li> <li>- Triangular screw</li> <li>- Mounting plates</li> <li>- Collar-head screw</li> <li>- External mounting brackets</li> <li>- Cross rail</li> <li>- Handscrew</li> </ul>
	130.162.000	PD 162	260	160	100	Silicon-gasket	<ul style="list-style-type: none"> <li>- Supporting rail for series terminals</li> <li>- Triangular screw</li> <li>- Mounting plates</li> <li>- Collar-head screw</li> <li>- External mounting brackets</li> <li>- Cross rail</li> <li>- Handscrew</li> </ul>
	130.164.000	PD 164	340	160	100	Silicon-gasket	<ul style="list-style-type: none"> <li>- Supporting rail for series terminals</li> <li>- Triangular screw</li> <li>- Mounting plates</li> <li>- Collar-head screw</li> <li>- External mounting brackets</li> <li>- Cross rail</li> <li>- Handscrew</li> </ul>
	130.200.000	PD 200	220	200	120	Silicon-gasket	<ul style="list-style-type: none"> <li>- Supporting rail for series terminals</li> <li>- Triangular screw</li> <li>- Mounting plates</li> <li>- Collar-head screw</li> <li>- External mounting brackets</li> <li>- Cross rail</li> <li>- Handscrew</li> </ul>
	130.202.000	PD 202	320	200	120	Silicon-gasket	<ul style="list-style-type: none"> <li>- Supporting rail for series terminals</li> <li>- Triangular screw</li> <li>- Mounting plates</li> <li>- Collar-head screw</li> <li>- External mounting brackets</li> <li>- Cross rail</li> <li>- Handscrew</li> </ul>
	131.120.000	PD 120 FE	140	120	100	Silicon-gasket	<ul style="list-style-type: none"> <li>- Supporting rail for series terminals</li> <li>- Triangular screw</li> <li>- Mounting plates</li> <li>- Collar-head screw</li> <li>- External mounting brackets</li> <li>- Cross rail</li> </ul>



131.122.000

PD 122 FE

200

120

100

Silicon-gasket







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- Triangular screw
- Mounting plates
- Collar-head screw

<https://rolec.com>



Our passion is enclosures.

- External mounting brackets
- Crossrail
- Handscrew

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