**Ref: POL505030/A**

# Serie Glass

## IP66-IP55 Polyester cabinets

IP55 polyester wall cabinet 500x500x300. Opaque door with handle. Open



## Features

| | |
|---|---|
| **Application:** | Automation and control,Corrosive environments,Renewable energies |
| **Suitable for outdoor installation:** | Yes |
| **Type of installation:** | Wall-mounted |
| **Piece dimensions - HxWxD (mm):** | 500 x 500 x 312 |
| **Material Quality:** | Glass-reinforced polyester |

## Technical data

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|---|---|
| **Protection degree:** | IP55 |
| **Resistance to impact:** | IK10 |
| **Double insulation:** | Class II |
| **Thermal class (ºC):** | 105 ºC (A) |

## Dimensions

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|---|---|
| **Piece dimensions - HxWxD (mm):** | 500 x 500 x 312 |
| **Wall Mounting - HxW (mm):** | 368 x 552 |
| **Usable interior space - HxWxD (mm):** | 412 x 405 x 274 |

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### Additional features

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|---|---|
| **Door/window/lid type:** | Single opaque |
| **Reversible door:** | No |
| **Number of doors:** | 1 |
| **Body type:** | Compact |
| **Lock type:** | 3-mm double-bit |
| **Plate:** | No |
| **Adjustable Plate:** | No |
| **Perforated Plate:** | No |
| **No. of hinges:** | 2 |
| **No. of locks:** | 2x1P |
| **Lock - Key Type:** | 3 mm double-bit |

### Materials

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|---|---|
| **Lock material:** | Black polyamide housing |
| **Gasket material:** | Polyurethane |
| **Color:** | Grey RAL 7035 |
| **Door thickness (mm):** | 3.5 |
| **Top/bottom panel thickness (mm):** | 3 |
| **Back panel thickness (mm):** | 3.5 |
| **Rear door thickness (mm):** | 3.5 |
| **Side thickness (mm):** | 4 |

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### Maximum loads

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|---|---|
| **Maximum door load (kg):** | 8 |
| **Maximum plate load (kg):** | 40 |

### Electrical properties

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|---|---|
| **Maximum voltage (V):** | 1000 AC / 1500 DC |
| **Glow wire resistance (ºC):** | 960 |

**Power dissipation:**

| Power dissipation P(W) as a function of temperature increase ΔT (°C) | | | | |
|---|---|---|---|---|
| 20 | 25 | 30 | 35 | 40 |
| 60.3 | 75.4 | 90.5 | 105.6 | 120.7 |

Data calculated according to IEC TR 60890 using the method for verifying temperature rise in low-voltage switchgear and controlgear assemblies.

### Certificates and regulations

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|---|---|
| **Directive:** | 2014/35/EU |
| **Standards:** | UNE-EN 62208,UNE-EN 61439-1 |

### Packaging

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|---|---|
| **Supply:** | **IP66 cabinets (from a height of 300 mm to 800 mm**)<br>Supplied in individual packaging<br>The accessories for fitting the mounting plate are fitted on the cabinet. Plate supplied in individual packaging if requested as an accessory<br>Key<br>**IP55 cabinets (from a height of 500 mm to 1250 mm)**<br>Supplied individually shrink-wrapped and protected with cardboard at top and bottom<br>The accessories for fitting the mounting plate are fitted on the cabinet. Plate supplied in individual packaging if requested as an accessory<br>Key |
| **Individual Packaging Type:** | Wrap |
| **UoM Packaging - Individual:** | Unit |
| **Minimum Selling Quantity:** | 1 |
| **Individual packaging dimensions - HxWxD (m):** | 0.51 x 0.5 x 0.312 |
| **Net weight per unit (kg):** | 9.76 |
| **Gross weight per unit (kg):** | 10.736 |

### Codes

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|---|---|
| **GTIN-13 code:** | 8431044160160 |

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|---|---|
| **Tariff code:** | 85381000 |
| **ETIM code 9.0:** | EC000261 |

## Downloads (links)

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|---|---|
| **Product drawing STP (URL):** | https://ideelectric.com/docs/plans/stp/POL505030A.stp |
| **Product drawing DXF (URL):** | https://ideelectric.com/docs/plans/dxf/POL505030A.dxf |
| **Product drawing (PDF):** | https://ideelectric.com/docs/plans/pdf/POL505030A.pdf |
| **Assembly instructions:** | https://assemblysteps.org/qr/ |