Thalassa polyester enclosures
Provide durable protection

schneider-electric.us
Thalassa insulating wall-mounting enclosures

Service life
High resistance to corrosion in harsh environments, maintaining its mechanical properties and insulation.

Easy
- Door easily reversible by turning it over.
- Opening to 120° or 180°.
- Easy machining with no corrosion.
- Lightness.
- Polyamide hinge pin, easily removable and captive.

Smart
- Notches for easy fixing of DIN rails.
- Grid pattern on the rear of the door for marking the machining operations.

This range can be configured according to your needs
4 different services available:
- Assembly to order
- Mounting of standard accessories
- Painting
- Machining

The customizable solutions Configured or Specific types use existing ranges from Universal Enclosures standard offer as a basis for its development. Depending on the modifications made on the enclosures or accessories, they could affect the certification or declarations of conformity existing in the standard ranges. The certifications and declarations of conformity needed for the solution must be defined early in the process as part of the offer specifications.

Characteristics

<table>
<thead>
<tr>
<th>ABS/PC Wall-mounting enclosures</th>
<th>Polyester wall-mounting enclosures</th>
</tr>
</thead>
<tbody>
<tr>
<td>Version with transparent polycarbonate door.</td>
<td>Version with transparent tempered-glass door.</td>
</tr>
<tr>
<td>Class with 3 mm double-bar lock.</td>
<td>Class with 2 mm double-bar locks.</td>
</tr>
<tr>
<td>Door opening angle: 160°.</td>
<td>Door opening angle: 120°.</td>
</tr>
<tr>
<td>Temperature range: -35°C...+90°C.</td>
<td>Temperature range: 0°F...194°F.</td>
</tr>
</tbody>
</table>

Monobloc wall-mounting enclosures
- Version with transparent tempered-glass door.
- Door opening angle: 180°.
- Bosses for accessory fixing inserts.
- Grid pattern with a pitch of 25 mm (1.0 in.) on the back of the door.

Polyester wall-mounting enclosures
- Made from polyester reinforced enclosure.
- Total insulation to produce class II.
- IK08 for the glazed doors of plain doors and surfaces.
- IK10 for the glass doors of specific types.
- Polyamide hinge pin, easily removable and captive.
- Lightness.
- Easy machining with no corrosion.
- Monobloc enclosures.
- Service life marking the machining operations.
Thalassa polyester floor-standing enclosures

The new options with 2000 mm (78.7 in) height and 620 mm (24.4 in) depth have been created to meet industry and infrastructure demands for motor control, power distribution, electronics or telecom applications.

**PLAT version**

**Ventilation**
Open top part with canopy allowing for ventilation.

**Easy**
Various bosses for M8 inserts.

**Resistant**
Anti-lever security system.

**Mechanistic protection rating**
IP54 with 1 or 2 internal grilles, ref. NSYCAG125LPF, to be ordered separately.

**Insulation properties.**
It maintains its mechanical and corrosion in harsh environments, high resistance to compression.

**New dimensions**
620 mm (24.4 in.) depth

**Installation**
- Indoor or outdoor installation; comply with IEC 62262 regarding type plates specified in §12 (resistance to ultra-violet (UV) radiation) and §13 (resistance to corrosion). It is always advisable to install a canopy to avoid solar degeneration in the upper part of the enclosure.
- The open bottom part forms a 60 mm (2.4 in) plinth which is fixed to the floor directly or by means of an optional fixing frame, see Catalog or else it is installed on a semi-embedded plinth, see Catalog.

**Options**
- Anti-lever system to prevent opening of the door.

**PLAZ version**

**Open bottom**
Big open bottom to be mounted directly on the floor or on a plinth.

**PLAZT version**

**Easy**
Door opening to 180°.

**Resistant**
Anti-lever security system.

**Insulation properties.**
It maintains its mechanical and corrosion in harsh environments, high resistance to compression.

**New dimensions**
620 mm (24.4 in.) depth

**Installation**
- Indoor or outdoor installation; comply with IEC 62262 regarding type plates specified in §12 (resistance to ultra-violet (UV) radiation) and §13 (resistance to corrosion). It is always advisable to install a canopy to avoid solar degeneration in the upper part of the enclosure.
- The open bottom part forms a 60 mm (2.4 in) plinth which is fixed to the floor directly or by means of an optional fixing frame, see Catalog.

**Options**
- Anti-lever system to prevent opening of the door.

**PLAZ**

**Open bottom**
Big open bottom to be mounted directly on the floor or on a plinth.

**Easy**
Door opening to 180°.

**Resistant**
Anti-lever security system.

**Insulation properties.**
It maintains its mechanical and corrosion in harsh environments, high resistance to compression.

**New dimensions**
620 mm (24.4 in.) depth

**Installation**
- Indoor or outdoor installation; comply with IEC 62262 regarding type plates specified in §12 (resistance to ultra-violet (UV) radiation) and §13 (resistance to corrosion). It is always advisable to install a canopy to avoid solar degeneration in the upper part of the enclosure.
- The open bottom part forms a 60 mm (2.4 in) plinth which is fixed to the floor directly or by means of an optional fixing frame, see Catalog.

**Options**
- Anti-lever system to prevent opening of the door.

This range can be configured according to your needs

**4 different services available:**
- Assembly to order
- Mounting of standard accessories
- Painting
- Machining

See catalog for details or consult our web site www.schneider-electric.com

The characteristics and declarations of conformity needed for the solution must be ordered separately in the process as part of the other specificities.

---

**Characteristics**

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>PLAT version</th>
<th>PLAZ version</th>
<th>PLAZT version</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete sealed enclosure</td>
<td>- Enclosure obtained by assembling</td>
<td>- Enclosure obtained by assembling</td>
<td>- Enclosure obtained by assembling</td>
</tr>
<tr>
<td>- 1 sealed top part</td>
<td>- 1 sealed top part</td>
<td>- 1 sealed top part</td>
<td></td>
</tr>
<tr>
<td>- 1 sealed bottom part</td>
<td>- 2 side parts</td>
<td>- 2 side parts</td>
<td></td>
</tr>
<tr>
<td>- 1 or 2 rear panels (according to width)</td>
<td>- 1 or 2 doors (according to width)</td>
<td>- 1 or 2 doors (according to width)</td>
<td></td>
</tr>
<tr>
<td>- Locking system with handle with a 5 mm double-bar insert block, included in the standard supply. Other blocks with inserts or bars and keys optionally available.</td>
<td>- Locking system with handle with a 5 mm double-bar insert block, included in the standard supply. Other blocks with inserts or bars and keys optionally available.</td>
<td>- Locking system with handle with a 5 mm double-bar insert block, included in the standard supply. Other blocks with inserts or bars and keys optionally available.</td>
<td></td>
</tr>
<tr>
<td>- Door opening to 120°.</td>
<td>- Door opening to 120°.</td>
<td>- Door opening to 180°.</td>
<td></td>
</tr>
<tr>
<td>Enclosure with ventilated canopy</td>
<td>- Enclosure obtained by assembling</td>
<td>- Enclosure obtained by assembling</td>
<td></td>
</tr>
<tr>
<td>- 1 open top part with canopy</td>
<td>- 1 plinth top part</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- 1 sealed bottom part</td>
<td>- 2 side parts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- 1 or 2 rear panels (according to width)</td>
<td>- 1 or 2 doors (according to width)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Locking system with handle with a 5 mm double-bar insert block, included in the standard supply. Other blocks with inserts or bars and keys optionally available.</td>
<td>- Locking system with handle with a 5 mm double-bar insert block, included in the standard supply. Other blocks with inserts or bars and keys optionally available.</td>
<td>- Door opening to 180°.</td>
<td></td>
</tr>
<tr>
<td>Enclosure with plinth-type open bottom</td>
<td>- Enclosure obtained by assembling</td>
<td>- Enclosure obtained by assembling</td>
<td></td>
</tr>
<tr>
<td>- 1 open top part with canopy</td>
<td>- 1 plinth top part</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- 2 side parts</td>
<td>- 2 side parts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- 1 or 2 rear panels (according to width)</td>
<td>- 1 or 2 doors (according to width)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Locking system with handle with a 5 mm double-bar insert block, included in the standard supply. Other blocks with inserts or bars and keys optionally available.</td>
<td>- Locking system with handle with a 5 mm double-bar insert block, included in the standard supply. Other blocks with inserts or bars and keys optionally available.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Door opening to 130°.</td>
<td>- Door opening to 120°.</td>
<td>- Door opening to 180°.</td>
<td></td>
</tr>
</tbody>
</table>

**Characteristics**

| Material | Polyester reinforced with fiberglass
| Finish | Molded by hot compression; the pieces have an excellent finish on both sides and can include numerous bosses for accommodating inserts and mounting or cable management accessories.
| Color | RAL 7035 grey*
| Ingress protection rating | IP65 according to IEC 60529
| Mechanical protection rating | IP54 according to IEC 60529

---

The floor-standing enclosures are made from polyester reinforced with fiberglass, molded by hot compression. High resistance to corrosion in harsh environments, it maintains its mechanical and insulation properties.
### Thalassa polyester floor-standing enclosures

**Selection guide**

**Thalassa polyester floor-standing enclosures**

- **IP65 or IP54**
- **IP44**

**New dimensions** 2000 mm (78.7 in) x 1350 mm (53.2 in) depth

**Dimensions - mm (in)**

<table>
<thead>
<tr>
<th>Height (A)</th>
<th>Width (B)</th>
<th>Depth (C)</th>
<th>N° of doors</th>
<th>Plain</th>
<th>Glazed</th>
<th>Enclosures with open bottom part, IP65</th>
<th>Enclosures with ventilated canopy, IP64</th>
<th>Enclosures with open bottom part and ventilated canopy, IP44</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000 (39.4)</td>
<td>750 (29.5)</td>
<td>420 (16.5)</td>
<td>2</td>
<td>420 (16.5)</td>
<td>420 (16.5)</td>
<td>420 (16.5)</td>
<td>420 (16.5)</td>
<td>420 (16.5)</td>
</tr>
<tr>
<td>1250 (49.2)</td>
<td>350 (13.8)</td>
<td>350 (13.8)</td>
<td>2</td>
<td>350 (13.8)</td>
<td>350 (13.8)</td>
<td>350 (13.8)</td>
<td>350 (13.8)</td>
<td>350 (13.8)</td>
</tr>
<tr>
<td>1500 (59)</td>
<td>1000 (39.4)</td>
<td>750 (29.5)</td>
<td>2</td>
<td>750 (29.5)</td>
<td>750 (29.5)</td>
<td>750 (29.5)</td>
<td>750 (29.5)</td>
<td>750 (29.5)</td>
</tr>
</tbody>
</table>

- **Two doors in vertical.**

### References of enclosures with door

<table>
<thead>
<tr>
<th>Dim (mm)</th>
<th>Dim (in)</th>
<th>Dim (mm)</th>
<th>Dim (in)</th>
<th>Dim (mm)</th>
<th>Dim (in)</th>
<th>Dim (mm)</th>
<th>Dim (in)</th>
<th>Dim (mm)</th>
<th>Dim (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000 (39.4)</td>
<td>750 (29.5)</td>
<td>420 (16.5)</td>
<td>2</td>
<td>420 (16.5)</td>
<td>420 (16.5)</td>
<td>420 (16.5)</td>
<td>420 (16.5)</td>
<td>420 (16.5)</td>
<td>420 (16.5)</td>
</tr>
<tr>
<td>1250 (49.2)</td>
<td>350 (13.8)</td>
<td>350 (13.8)</td>
<td>2</td>
<td>350 (13.8)</td>
<td>350 (13.8)</td>
<td>350 (13.8)</td>
<td>350 (13.8)</td>
<td>350 (13.8)</td>
<td>350 (13.8)</td>
</tr>
</tbody>
</table>

### Characteristics

**Material**

- Galvanized sheet steel
- Galvanized sheet steel
- Bakelite
- Polyester

**Color**

- Black
- Black
- Black
- Black

**Maximum load**

- 150 kg/m²
- 150 kg/m²
- 100 kg/m²

<table>
<thead>
<tr>
<th>Type</th>
<th>Height (A)</th>
<th>Width (B)</th>
<th>Depth (C)</th>
<th>N° of doors</th>
<th>Plain</th>
<th>Glazed</th>
<th>Enclosures with open bottom part, IP65</th>
<th>Enclosures with ventilated canopy, IP64</th>
<th>Enclosures with open bottom part and ventilated canopy, IP44</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000 (39.4)</td>
<td>750 (29.5)</td>
<td>420 (16.5)</td>
<td>2</td>
<td>420 (16.5)</td>
<td>420 (16.5)</td>
<td>420 (16.5)</td>
<td>420 (16.5)</td>
<td>420 (16.5)</td>
<td>420 (16.5)</td>
</tr>
<tr>
<td>1250 (49.2)</td>
<td>350 (13.8)</td>
<td>350 (13.8)</td>
<td>2</td>
<td>350 (13.8)</td>
<td>350 (13.8)</td>
<td>350 (13.8)</td>
<td>350 (13.8)</td>
<td>350 (13.8)</td>
<td>350 (13.8)</td>
</tr>
</tbody>
</table>

### Installation accessories

**Telequick mounting plate**

- For direct installation on M8 inserts at the rear of the enclosure or on step slides for depth adjustment (see Catalog).
- The enclosures with height ≥ 1000 mm have intermediate impressions for installing mounting plates of a lesser height (M8 inserts, ref. NSYTEX10, to be ordered separately).

**Insulating mounting plate**

- For the 2-door enclosures, it is possible to install 1 complete mounting plate or 2 individual mounting plates.

---

For more information, visit [Thalassa polyester floor-standing enclosures](https://www.schneider-electric.us/en/product-category/53800).

---

**Note:** Dimensions are given in millimeters. Specifications are subject to change. **User guidelines:** For outdoor use, install a canopy. For indoor and outdoor use, must install a canopy. **Hinge:** 2 individual hinges, ref. NSYTEX8, to be ordered separately. **Grille:** With 11 x 26 mm drill holes, with a step of 1 mm up to 700 mm height, available in 350 (13.8) mm height.

---

**Supplementary information:**

1. **Plain mounting plate**
2. **Telequick mounting plate**