IS2 enclosures by ABB are the perfect platform for protection, mounting and installation of your industrial control panel component needs. The features and benefits of the IS2 allow for easy installation and design:

- Modular panel and component design
- Readily available 3D drawings for ease of design
- Flexible options to suit a variety of applications

Technical characteristics
- Industry standard dimensions
- NEMA 12 enclosure
- Floor mounted
- UL 50 certified
- Suitable for UL 508A applications
- Color: Grey RAL7035
- Standard components provided with grounding connections

Standard dimensions
- **Height:** 1800, 2000 (mm)
- **Width:** 600, 800, 1000, 1200 (mm)
- **Depth:** 500, 600, 800 (mm)

Note: Standard dimensions are available from stock. Additional dimensional sizes available from factory upon request.

User installed accessories
- Standard and oversized mounting back plates with front or lateral insertion
- Cable entry flanges
- Mounting crosspieces
- 19-inch rack frames
- Lifting eyebolts and reinforcements
- Key lock inserts
- Fans, filters, and grates for ventilation
Factory assembled catalog number breakdown

<table>
<thead>
<tr>
<th>I</th>
<th>S</th>
<th>Height</th>
<th>Width</th>
<th>Depth</th>
<th>Front Door</th>
<th>Front Door Width</th>
<th>Rear Door</th>
<th>Rear Door Width</th>
<th>Right Side</th>
<th>Left Side</th>
<th>Cable Entry</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

Note:

1. 1200 (mm) wide is not available in 1000 (mm) depth.
2. Only available for front/rear blind panel.

All factory assembled enclosures include: uprights/frame, base/top, plinths and plinth covers and lifing eyes.

- X — None
- F — Fixed
- S — Sliding

- X — None
- F — Blind side panel
- A — Blind door (right hinge)
- L — Blind door (left hinge)

- 2 — 200 (mm)
- 4 — 400 (mm)
- 5 — 500 (mm)
- 6 — 600 (mm)
- 8 — 800 (mm)
- 1 — 1000 (mm)
- A — 1200 (mm)^2

- X — None
- F — Blind panel
- A — Blind door (right hinge)
- B — Transparent (right hinge)
- C — Aerated (right hinge)
- D — Double w/ overlapping closure (right hinge)
- Q — Double door w/ handles
- L — Blind door (left hinge)
- M — Transparent (left hinge)
- N — Aerated (left hinge)
- P — Double w/ overlapping closure (left hinge)

- 4 — 400 (mm)
- 5 — 500 (mm)
- 6 — 600 (mm)
- 8 — 800 (mm)
- 1 — 1000 (mm)

- 4 — 400 (mm)
- 6 — 600 (mm)
- 8 — 800 (mm)
- 1 — 1000 (mm)
- A — 1200 (mm)^1

- 1 — 1800 (mm)
- 2 — 2000 (mm)
- A — 2200 (mm)
User installed accessories

Accessories must be ordered separately and are available from the U.S. distribution center. This allows for quick delivery and easier component installation.

### Standard Mounting Back Plates

<table>
<thead>
<tr>
<th>H (mm)</th>
<th>W (mm)</th>
<th>Ordering Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1800</td>
<td>600</td>
<td>EA1860</td>
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<tr>
<td></td>
<td>800</td>
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<tr>
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<td>1200</td>
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<td>EA2060</td>
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<td></td>
<td>1000</td>
<td>EA2010</td>
</tr>
<tr>
<td></td>
<td>1200</td>
<td>EA2013</td>
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</table>

### Fixed 19” Rack Frame and Brackets

#### Mounting Frames

<table>
<thead>
<tr>
<th>H (mm)</th>
<th>W (mm)</th>
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<tbody>
<tr>
<td>1800</td>
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<td>EG1805</td>
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<tr>
<td>2000</td>
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<td>EG2005</td>
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#### Required Mounting Brackets

<table>
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<th>D (mm)</th>
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<tr>
<td>600</td>
<td>EB6104</td>
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<tr>
<td>800</td>
<td>EB8104</td>
</tr>
<tr>
<td>600</td>
<td>EB6106</td>
</tr>
<tr>
<td>800</td>
<td>EB8106</td>
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</table>

### Ventilation Kits

<table>
<thead>
<tr>
<th>H (mm)</th>
<th>W (mm)</th>
<th>Ordering Code</th>
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</thead>
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<tr>
<td>Grill, Fan and Filter 115V Power Supply Required</td>
<td>250</td>
<td>250</td>
</tr>
<tr>
<td>Grill, Fan and Filter 230V Power Supply Required</td>
<td>204</td>
<td>204</td>
</tr>
</tbody>
</table>

---

Factory assembled options

### Doors/Panels and Bottom Cable Entry

- **Blind Door**
- **Blind Panel**
- **Double Door Overlapping Closure**
- **Sliding Cable Entry Plates**
For a complete list of options and accessories, please contact your local sales representative.

Ordering Example:

**Factory Assembled Code:**

<table>
<thead>
<tr>
<th>I</th>
<th>S</th>
<th>2</th>
<th>8</th>
<th>8</th>
<th>P</th>
<th>4</th>
<th>F</th>
<th>F</th>
<th>F</th>
<th>S</th>
<th>X</th>
<th>X</th>
<th>X</th>
<th>X</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
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</tbody>
</table>

**User Installed Accessory Code:**

<table>
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<tr>
<th>H (mm)</th>
<th>W (mm)</th>
<th>Ordering Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>800</td>
<td>EA2080</td>
</tr>
</tbody>
</table>

**Ordering Code(s):**

IS288P4F8FF3XXXXXX + EA2080

*Back plate shipped loose

Contact us

ABB
Electrification Products
8155 T&B Boulevard
Memphis, TN 38125
www.abb.com/lowvoltage

USA Technical Support: 888-385-1221
Customer Service: 888-862-3290
7:00 a.m. to 5:30 p.m., CST, Monday – Friday
lvps.support@us.abb.com