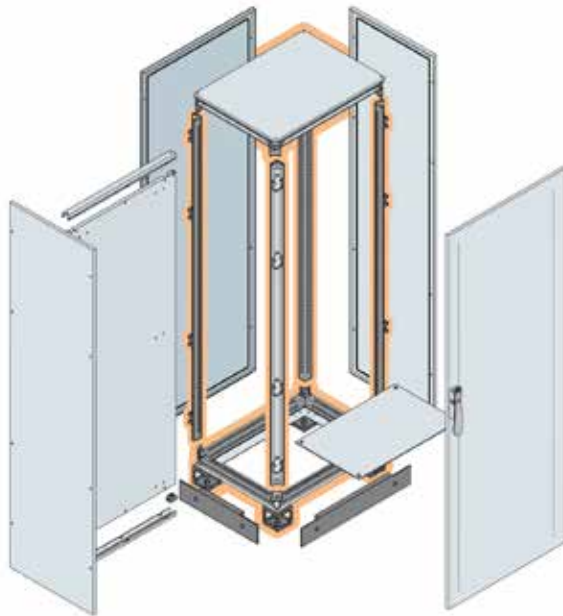# IS2 Automation Enclosures
Catalog selection guide

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

Power and productivity
for a better world™

ABB

Factory assembled catalog number breakdown

I	S												X	X	X	X	X	X
		Height	Width	Depth	Front Door	Front Door Width	Rear Door	Rear Door Width	Right Side	Left Side	Cable Entry							

Cable Entry
- **X** — None
- **F** — Fixed
- **S** — Sliding

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

Right Side / Rear Door Width
- **2** — 200 (mm)
- **4** — 400 (mm)
- **5** — 500 (mm)
- **6** — 600 (mm)
- **8** — 800 (mm)
- **1** — 1000 (mm)
- **A** — 1200 (mm)[2]

Rear Door
- **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)

Front Door Width
- **4** — 400 (mm)
- **5** — 500 (mm)
- **6** — 600 (mm)
- **8** — 800 (mm)
- **1** — 1000 (mm)

Depth
- **4** — 400 (mm)
- **6** — 600 (mm)
- **8** — 800 (mm)
- **1** — 1000 (mm)
- **A** — 1200 (mm)[1]

Height
- **1** — 1800 (mm)
- **2** — 2000 (mm)
- **A** — 2200 (mm)

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.

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

H (mm)	W (mm)	Ordering Code
1800	600	EA1860
	800	EA1880
	1000	EA1810
	1200	EA1812
2000	600	EA2060
	800	EA2080
	1000	EA2010
	1200	EA2013

Fixed 19" Rack Frame and Brackets

Mounting Frames	H (mm)	W (mm)	Ordering Code
	1800	800	EG1805
	2000	800	EG2005
Required Mounting Brackets	D (mm)		Ordering Code
Top Bracket - 2 pcs	600		EB6104
Top Bracket - 2 pcs	800		EB8104
Center/Bottom Bracket - 2 pcs	600		EB6106
Center/Bottom Bracket - 2 pcs	800		EB8106

Ventilation Kits

	H (mm)	W (mm)	Ordering Code
Grill, Fan and Filter 115V Power Supply Required	250	250	EN2204K
Grill, Fan and Filter 230V Power Supply Required	204	204	EN1204K

Factory assembled options

Doors/Panels and Bottom Cable Entry

Blind Door

Blind Panel

800 (mm)

Double Door Overlapping Closure

Sliding Cable Entry Plates

For a complete list of options and accessories, please contact your local sales representative.
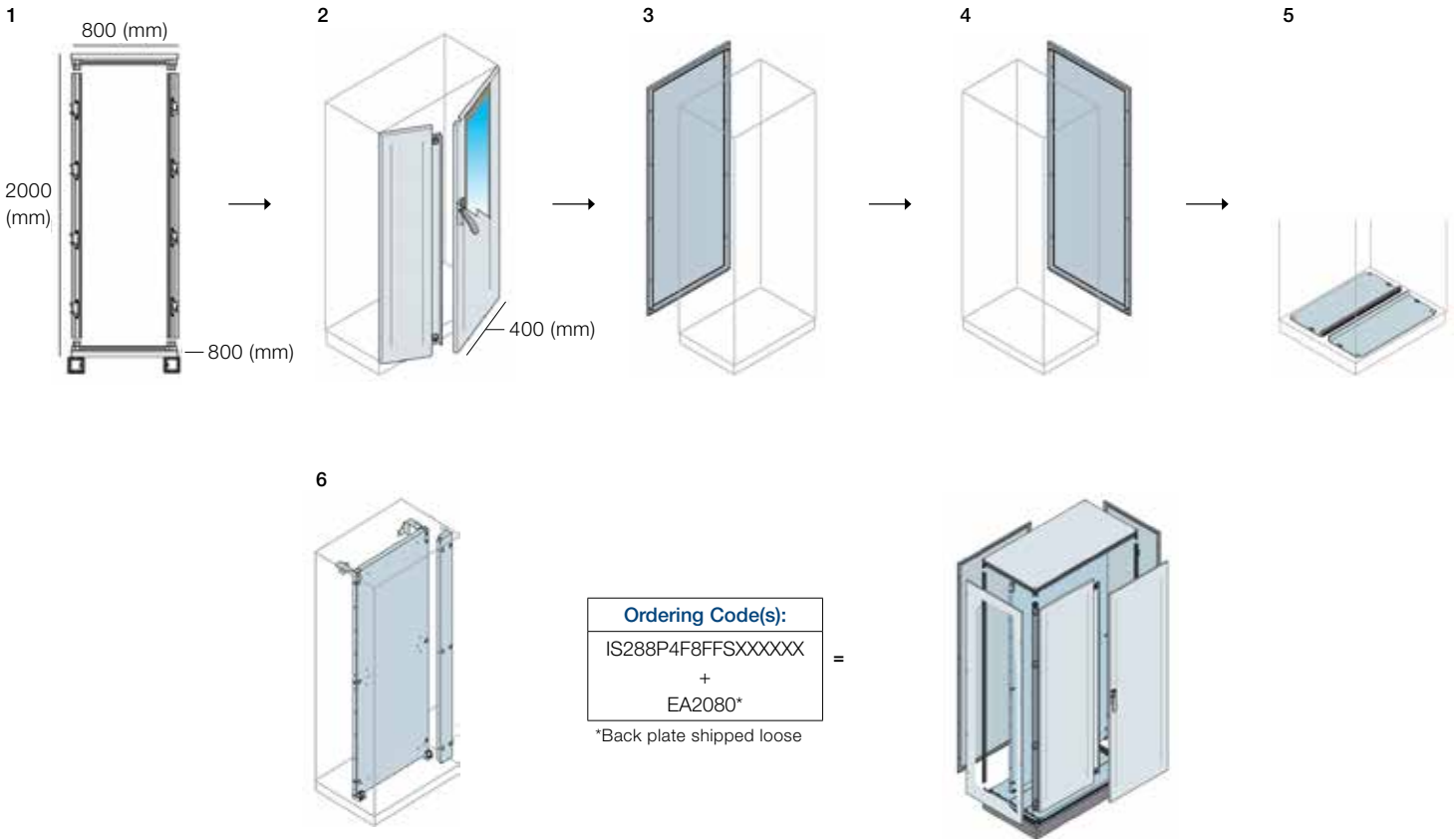
Ordering Example:

Factory Assembled Code:

I	S	2	8	8	P	4	F	8	F	F	S	X	X	X	X	X	X

        1   2   3   4   5

User Installed Accessory Code:

H (mm)	W (mm)	Ordering Code
2000	800	EA2080

6

1

800 (mm)

2000 (mm)

800 (mm)

2

400 (mm)

3

4

5

6

Ordering Code(s):

IS288P4F8FFSXXXXXX
+
EA2080*

*Back plate shipped loose

=

1SXU150187L0201, April 2016

Contact us

Power and productivity
for a better world™

ABB