

# Modular Freestanding Enclosures - NEMA 12

## IFMD Series Flange Mount Disconnect Enclosure

ABB, Allen Bradley, C-H Westinghouse, General Electric STDA, I-T-E Siemens Max-Flex™, Square D 9422



**Inner  
Panel  
Included**

**Order  
Side  
Panels  
Separately**



**Note: Interlock hardware must be ordered separately...see page 236**

### Application

- The IFMD product line provides users with a rugged housing for industrial control and operator interface in harsh industrial environments.
- Modular design permits joining of units for large scale and mixed use applications.
- A broad range of industry standard sizes are offered. Units are constructed to imperial dimensions and hardware sizes, with metric sizing provided for convenient reference.
- IME Series enclosures are used as slave units to IFMD Disconnect Series.
- The flange mount disconnect units accommodate today's most popular disconnect hardware.
  - **ABB Controls** Disconnect Switches up to (and including) 200 amp, also operators for ABB circuit breakers up to 800 amp.
  - **Allen Bradley** 1494V variable depth flange mounted disconnect up to and including 200 amp and operators for C-H Westinghouse circuit breakers up to 400 amp.
  - **C-H Westinghouse** C361 flange mounted disconnect switches up to and including 200 amp and C371 circuit breakers up to 600 amp, also Flex Shaft handle mechanisms for circuit breakers.
  - **General Electric** Type STDA flange mounted variable depth flange operators for disconnect switches up to and including 200 amp and circuit breakers up to 600 amp or Spectra Flex™ cable operators for circuit breakers.

### Standards

- UL 508 Type 12
- CSA Type 12
- **Complies with**
  - NEMA Type 12
  - IEC 529 IP65
- Appropriate components are required to maintain these standards. For approved interlock hardware...see page 236

### Standard Configuration

- Frame with integral solid top
- Lifting eyebolts
- Removable bottom panel
- Solid front door with key locking handle
- Disconnect to door handle activation hardware
- Hinged flange door
- Removable rear cover panel
- Inner mounting panel, additional panels available

### Construction

- Formed 14 gauge steel.
- Frame has welded corner reinforcements.
- Mounting channels on sides of enclosure are oriented front to back for depth adjustment of mounting panels.
- Oil resistant gaskets are permanently secured on all openings.
- Reinforced eyebolts are provided for easy enclosure lifting.

- Frames are easily joined together with an optional frame Joining kit...see page 234
- Doors can be easily removed and interchanged.
- Optional formed 16 gauge steel side panels are recessed to fit flush with the sides of the cabinet. **Side panels must be ordered separately...see page 232**
- Bonding and grounding studs are provided for all doors and panels.

### Finish

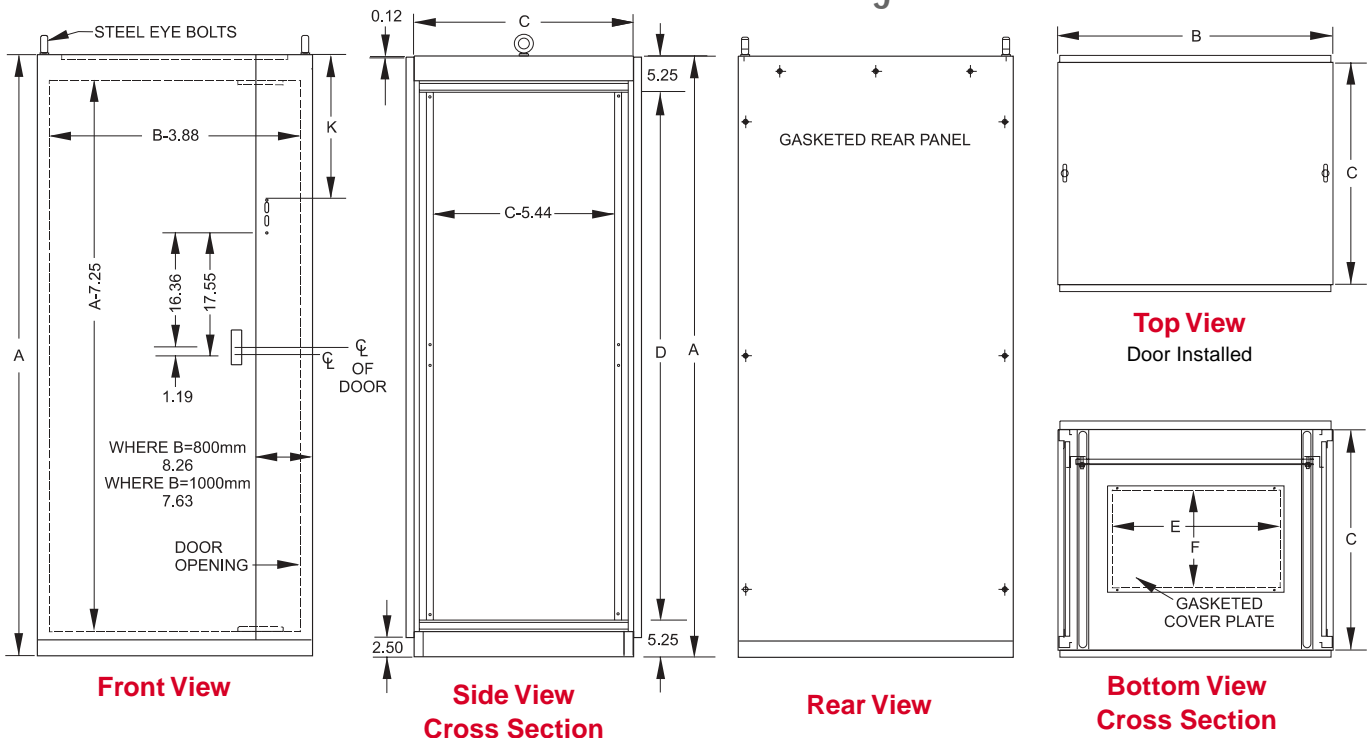
- Phosphatized and finished in RAL 7032 beige (CG1) powder coating.
- Inner panels are finished in white powder coating.

### Accessories

- Additional inner panels...see page 233
- Bridge panel...see page 232
- Caster assembly - inside mounting...see page 240
- Caster assembly - outside mounting...see page 240
- Center depth support...see page 237
- Door mount rails...see page 232
- Door shelf...see page 237
- Door support wheel...see page 239
- Fold down shelf...see page 237
- Joining kit...see page 234
- Leveling feet...see page 238
- Light kit and accessories...see page 239
- Literature pocket...see page 238
- Master interlock kit...see page 238
- Plinth...see page 237
- Side panels...see page 238
- Tamper resistant screws...see page 239
- Vented raised top...see page 234
- Top mount fan...see page 363

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### Maximum Usable Depth

(Panel in Full Back Position)

Cabinet Depth (mm)	Without Bridge Panel (Inches)	With Bridge Panel (Inches)
400	14.63	13.88
500	18.50	17.75
600	22.50	21.75
800	30.38	29.63

\*Note: K= 16.42 when A=77.31  
 K= 20.80 when A=86.06

Part No.	Nominal Dimensions		Overall Dimensions (in/mm)					Mtg. Panel Dimensions		Ship Wt. lbs	
	A x B x C (mm)		A	B	C	D	E	F	Height		Width
IFMD1885	1800 x 800 x 500	inch	77.31	31.50	19.63	66.81	17.00	10.5	68.75	26.25	295
		mm	1964	800	498	1697	432	267	1746	667	
IFMD1886	1800 x 800 x 600	inch	77.31	31.50	23.63	66.81	17.00	10.5	68.75	26.25	300
		mm	1964	800	600	1697	432	267	1746	667	
IFMD1888	1800 x 800 x 800	inch	77.31	31.50	31.50	66.81	17.00	17.5	68.75	26.25	320
		mm	1964	800	800	1697	432	445	1746	667	
IFMD18105	1800 x 1000 x 500	inch	77.31	39.37	19.63	66.81	24.06	10.5	68.75	34.12	345
		mm	1964	1000	498	1697	611	267	1746	867	
IFMD18106	1800 x 1000 x 600	inch	77.31	39.37	23.63	66.81	24.06	10.5	68.75	34.12	350
		mm	1964	1000	600	1697	611	267	1746	867	
IFMD18108	1800 x 1000 x 800	inch	77.31	39.37	31.50	66.81	24.06	17.5	68.75	34.12	360
		mm	1964	1000	800	1697	611	445	1746	867	
IFMD2085	2000 x 800 x 500	inch	86.06	31.50	19.63	75.56	17.00	10.5	77.50	26.25	310
		mm	2186	800	498	1919	432	267	1969	667	
IFMD2086	2000 x 800 x 600	inch	86.06	31.50	23.63	75.56	17.00	10.5	77.50	26.25	320
		mm	2186	800	600	1919	432	267	1969	667	
IFMD2088	2000 x 800 x 800	inch	86.06	31.50	31.50	75.56	17.00	17.5	77.50	26.25	340
		mm	2186	800	800	1919	432	445	1969	667	
IFMD20105	2000 x 1000 x 500	inch	86.06	39.37	19.63	75.56	24.06	10.5	77.50	34.12	375
		mm	2186	1000	498	1919	611	267	1969	867	
IFMD20106	2000 x 1000 x 600	inch	86.06	39.37	23.63	75.56	24.06	10.5	77.50	34.12	385
		mm	2186	1000	600	1919	611	267	1969	867	
IFMD20108	2000 x 1000 x 800	inch	86.06	39.37	31.50	75.56	24.06	17.5	77.50	34.12	390
		mm	2186	1000	800	1919	611	445	1969	867	