

Medium Voltage Feeders Fused Load-break Switch Two-High Construction Bulletin 1592BF • 400 Amp

Product Profile

Designed for Safety, Convenience and Reliability

The Allen-Bradley 400 Amp Fused Load-break Switch offers:

- Three isolated compartments:
 - Power bus
 - Power cell
 - Low voltage panel (optional)
- Isolation between upper and lower power cells
- Large swing-out low voltage panel (optional) painted white for high visibility
- External operating handle to operate the load-break switch
- Bolted power cell doors
- Centerline® horizontal power bus with removable cover plates for accessibility
- ¼" x 2" continuous copper ground bus
- Line, load and control wire conduit openings with removable cover plates at the top and bottom of the structure
- Base mounting sill channels with mounting holes and removable lifting means
- Hybrid epoxy powder paint finish

Power Cell Standard Features

- 400 amp fused load-break switch
- Three (3) current limiting power fuses
- Viewing window in power cell door
- Clear Lexon barrier over switch blades
- Mechanical interlocks
- Three (3) load cable terminals



Allen-Bradley



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Fused Load-break Switch Features

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SPECIFICATIONS

Voltage Ratings

Maximum Voltage

- 7200 volts

System Voltages

- 2400 volts
- 3300 volts
- 4160 volt
- 4800 volts
- 6600 volts
- 6900 volts

Frequency

- 0/60 Hz

Basic Impulse Level

- 60 kV full wave

Fault Close and Momentary Rating

- 22.5 kA

Standards

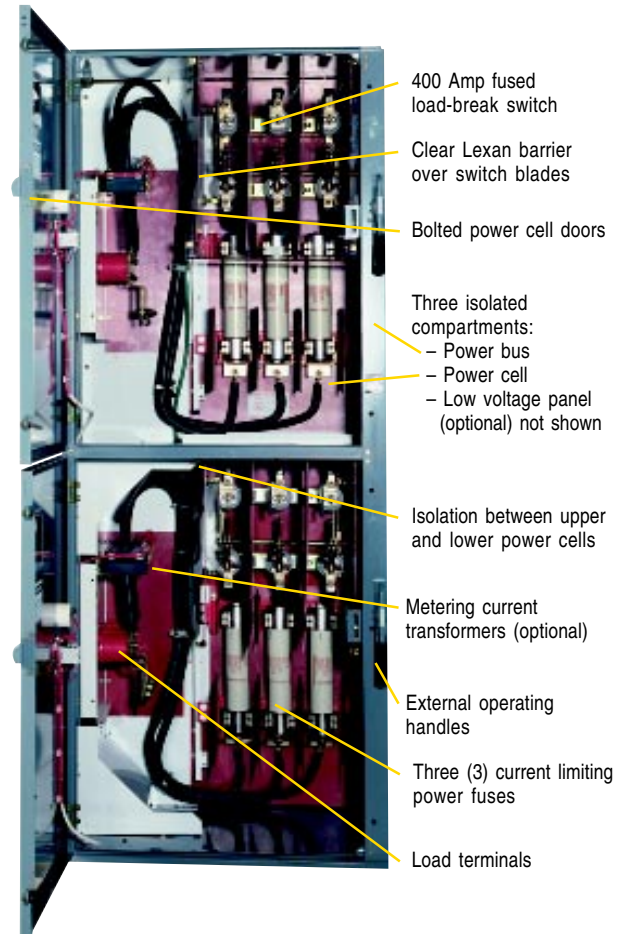
- NEMA ICS 3-2
- ANSI C57.13
- CSA

Enclosed Current Ratings

- Types 1, 1 with gasket, 12, 3R:
 - 560 A total per section
 - 260 A max. - top cell
 - 300 A max. - bottom cell
- Type 1 with vented doors:
 - 660 A total per section
 - 300 A max. - top cell
 - 360 A max. - bottom cell

Paint Finishes

- ANSI 49 medium light grey (standard)
- ANSI 61 light grey (optional)



Enclosure Type	Description	Dimensions in inches (mm)			Weights lb (kg)
		Wide	Deep	High	
Type 1	General purpose	36 (914)	36 (914)	91 (2315)	1110 (503)
Type 1 w/gasket	General purpose with gasket	36 (914)	36 (914)	91 (2315)	1110 (503)
Type 12	Dust-tight and drip-proof	36 (914)	36 (914)	91 (2315)	1110 (503)
Type 3R	Non walk-in weatherproof	43 (1092)	53 (1346)	97 (2464)	1906 (866)

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