

**SIEBREAK™** 

# Medium-voltage metalenclosed switchgear

Up to 15 kV, 1,200 A, 95 kV BIL usa.siemens.com/mvswitchgear

Siemens type SIEBREAK load-interrupter switchgear is a modular assembly of switches, fuses, and bus assemblies that are fully integrated both mechanically and electrically to provide the highest level of medium-voltage circuit protection.

#### Features and benefits:

- 5 kV and 15 kV voltage classes
- 600 A and 1,200 A continuous current
- · Non-fused or current-limiting fused
- Indoor type 1 enclosure
- Single, duplex, and selector switch types
- Large 8" x 18" (203 mm x 457 mm)
  viewing window

- Hinged, grounded metal barrier in front of switch blades
- 11-gauge doors, covers, and barriers
- Silver-plated copper bus
- Provisions for key interlocking
- Mechanical door and switch interlock
- Upper and lower ventilation louvers
- Glass-polyester bus supports
- Non-corrosive nameplate
- Space heater with thermostat (optional)
- NEMA CC1 hole patterns for cable termination.
- Trained and certified local personnel in U.S. available for start-up, commissioning, and maintenance.

## **Optional:**

- UL or C-UL Listing
- Explusion fuses or current-limiting fuses
- Indoor type 2 drip-proof enclosure
- Indoor type 12 dustresistant enclosure
- Outdoor non-walk-in type
  3R enclosure
- Motor-operated mechanism
- High-track resistance bus supports
- Auxiliary switches (2 NO-2 NC)



- Fuse-monitoring system (FMS) with blown-fuse indication and blown-fuse trip
- Mimic bus
- Ground studs
- Screens and filters (indoor)
- Tin-plated copper bus.

## **Standard outdoor features:**

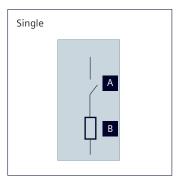
- Long-life space heaters (half-voltage)
- Bottom cover plate
- Externally removable filters
- 6" (152 mm) formed steel base.

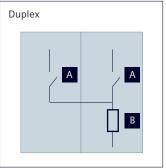
## **Applications:**

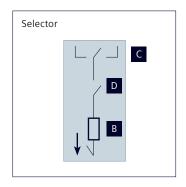
- Standalone bay
- Transformer primary
- Lineups.

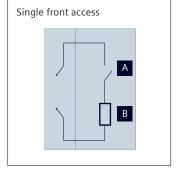
# Modular configurations to mount:

- Surge arresters
- Instrument transformers
- Control power transformers
- Power meters
- Other auxiliary equipment.









Item	Description					
А	600 A or 1,200 A interrupter switch					
В	Fuses					
С	600 A no-load selector switch					
D	600 A interrupter switch					

#### Standards:

The equipment meets or exceeds applicable standards from ANSI, IEEE, CSA, EEMAC, and NEMA.

#### Technical ratings

Characteristics	Unit	Voltage class								
Rated maximum voltage	kV	5.0	5.0	5.0	5.0	15.0	15.0	15.0	15.0	
Rated continuous current	A	600	600	1,200	1,200	600	600	1,200	1,200	
Rated lightning impulse-withstand voltage	kV peak	60	60	60	60	95	95	95	95	
Momentary current (unfused) asymmetrical	rms kA	39	59	39	59	39	59	39	59	
Short-time current, 2 seconds symmetrical	rms kA	25	38	25	38	25	38	25	38	

Standard configuration		Duplex	Selector	Lineup	
Types 1, 2, 12, and 3R enclosure	•	•	•	•	
36" (914 mm) wide types 1, 2, 12, and 3R	•		•		
72" (1,829 mm) wide		•			
60" (1,524 mm) wide for front-access design	•			•	
2.62" (67 mm) width transition to dry-type transformer for type 3R outdoor	•	•	•		
18" (457 mm) width transition to liquid-filled transformer	•	•	•		
92" (2,337 mm) height types 1 and 12 enclosures	•	•	•	•	
105" (2,667 mm) height type 3R enclosure	•	•	•	•	
99" (2,515 mm) height type 2 enclosure	•	•	•	•	
62" (1,575 mm) depth standard types 1, 2, and 12 enclosure	•			•	
72" (1,829 mm) depth for types 1, 2, and 12 (optional)		•	_ •		
72" (1,829 mm) depth for type 3R enclosure	•	•	•	•	
56" (1,422 mm) depth for front-access design	•			•	

# Legal Manufacturer

Siemens Industry, Inc. 7000 Siemens Road Wendell, North Carolina 27591 United States of America

Telephone: +1 (800) 347-6659 usa.siemens.com/mvswitchgear

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