

SIEMENS

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Medium-voltage, arc-resistant gas-insulated switchgear

Types 8DA (single bus) and 8DB (double bus),
up to 38 kV, 40 kA, 200 kV BIL



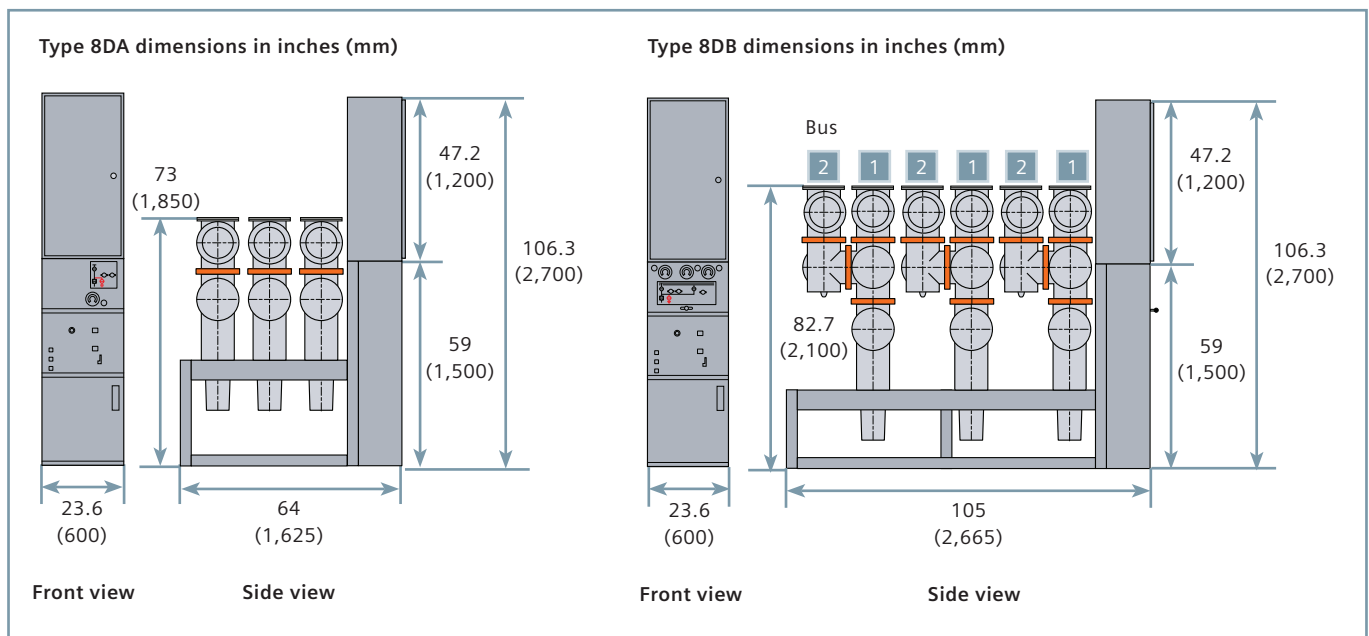
- Vacuum interrupter - up to 30,000 mechanical operations
- Low pressure SF₆ gas-insulated for insulation only and not for interruption
- Tested for arc-resistance to ANSI/IEEE C37.20.7-2007, type 2B
- Significantly reduced PPE needs
- Compact - up to 80 percent smaller than air-insulated switchgear
- 20-year internal maintenance cycle
- Meets IEEE and IEC standards
- UL or C-UL Listing available (consult factory)
- Single-phase design eliminates phase-to-phase faults inside the switchgear
- Meets NEC visible disconnect requirement
- Well suited for contaminated environments
- Pair with Siemens protective relays to match any typical application
- Over 55,000 panels installed worldwide with more than 2,200 installed in the U.S.

Answers for infrastructure.

Characteristic	Unit	Voltage class			
Rated maximum voltage	kV	15.5	27.0	38.0.	42 ¹
Rated continuous current of main bus (maximum)	A	4,000	4,000	4,000	4,000
Rated continuous current of circuit breakers (maximum)	A	2,500	2,500	2,500	2,500
Rated lightning impulse withstand voltage	kV peak	95	125	170; 200 ¹	185; 200 ¹
Power frequency withstand voltage (one minute)	kV	36	60	80	80
Frequency	Hz	60	60	60	60
Short-circuit interrupting current (maximum)	kA	Up to 40	Up to 40	Up to 40	Up to 40
Short-time withstand current, 3 s (maximum)	kA	Up to 40	Up to 40	Up to 40	Up to 40
Short-circuit making current (close and latch) (maximum)	kA peak	Up to 104	Up to 104	Up to 104	Up to 104
Peak withstand current (maximum)	kA peak	Up to 104	Up to 104	Up to 104	Up to 104

Footnote:

¹ On request. Consult factory.



The information provided in this document contains merely general descriptions or characteristics of performance which in case of actual use do not always apply as described or which may change as a result of further development of the products. An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of contract.

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