

ZX2.2

Medium Voltage Switchgear up to 38 kV





ZX2.2

- Single, double, and transfer bus arrangements
- Vacuum circuit-breaker
- Three-position switches on both sides of the circuit-breaker
- Additional cable grounding switch
- View ports for all disconnect and grounding switches



Features

- Arc-resistant
- Low SF₆ gas pressure
- “Sealed for life” gas compartments with independent monitoring
- Plug-type connection of busbars, power cables, and potential transformers
- Customized ANSI control and protection systems
- Electrical motor operation of all switching devices

Benefits

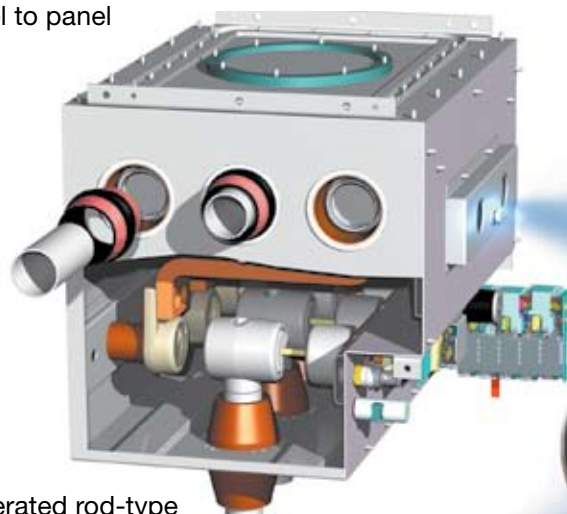
- Space savings of up to 60%
- Simple and fast installation
- Minimum maintenance
- Increased safety and reliability
- Longer service life

Panel variants for any application

- Incoming and outgoing feeders
- Bus coupler, tie and riser panels
- Metering panels for one or two busbars

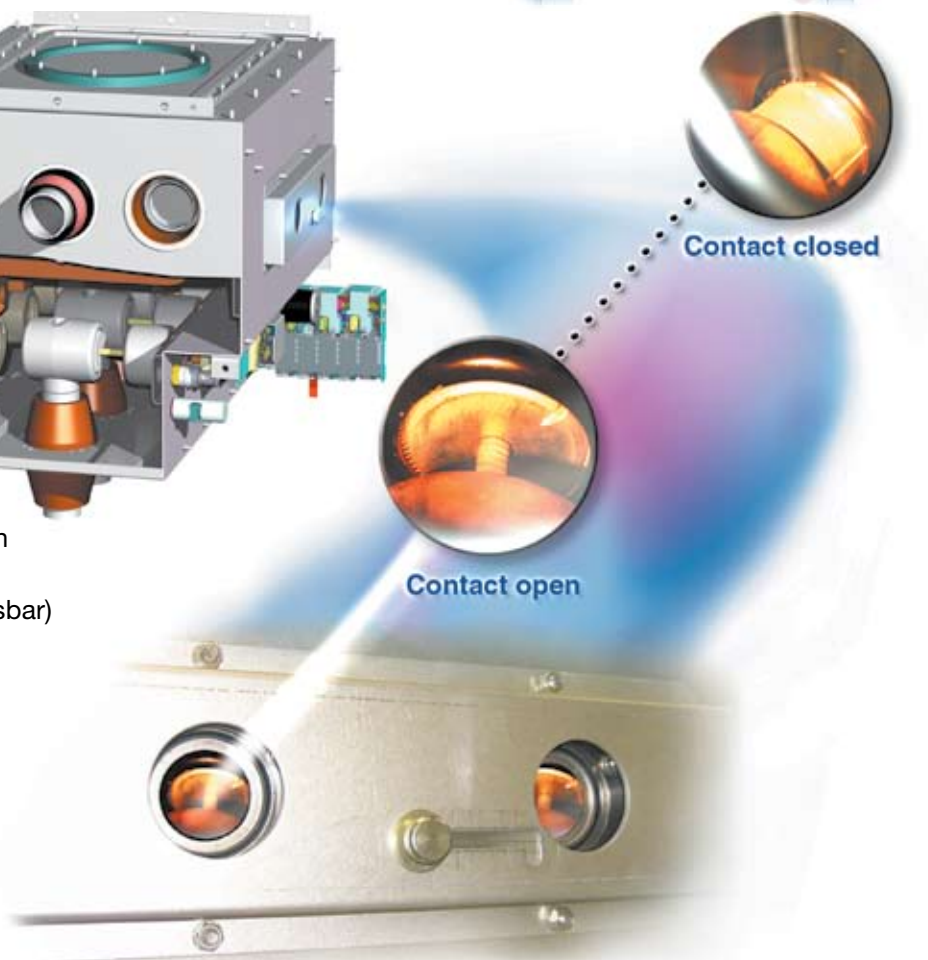
ZX2.2 Details at a glance

- Busbar bushings with connectors and insulation parts for busbar connection from panel to panel



- Motor operated rod-type three-position switch with three functions
 - Connecting (e.g. to busbar)
 - Isolating
 - Earthing

- View ports to check switch positions

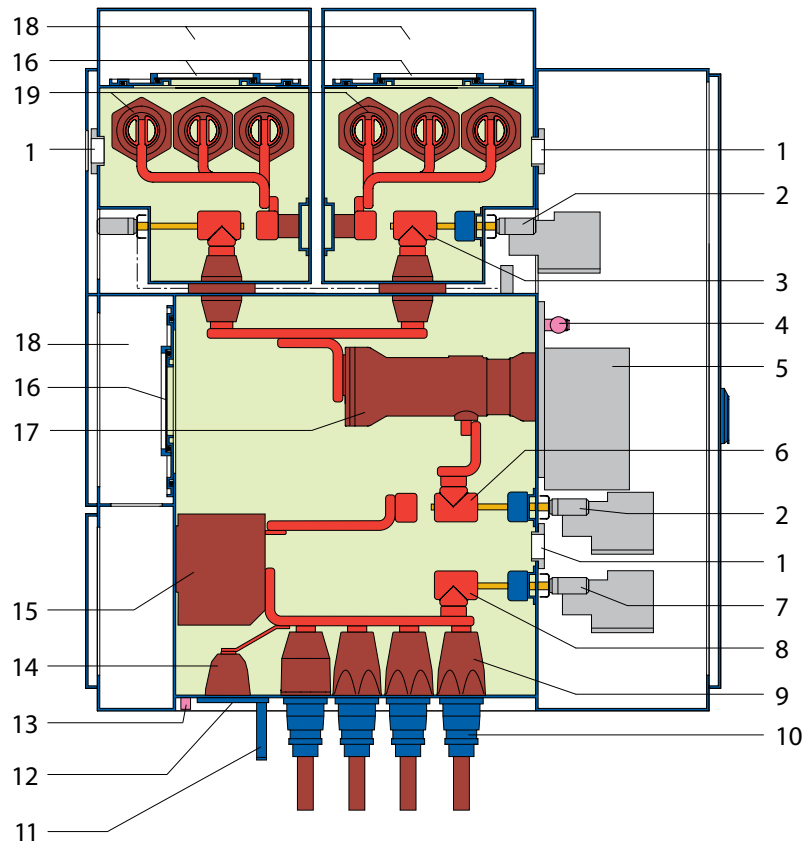


Ratings

Voltage	kV	13.8 up to 38...42*
Frequency	Hz	60
AC 1min.	kV	80
BIL	kV	150...200
Gas pressure at 68°F	psi	19 (abs.)
SF ₆ content	lbs	less than 34
Busbar current	A	up to 2500
Short time current, 2s	kA	up to 40
Making current	kA	up to 104
Breaking current	kA	up to 40
Panel dimensions	min. W x H x D	31.5 x 90.5 x 81.1 inches
	max. W x H x D	31.5 x 112.7 x 94.1 inches

* on request

ZX2.2 Double busbar panel



- | | | |
|---|--|--|
| 1 View ports | 7 Grounding switch operating mechanism with auxiliary contacts | 14 Multifunctional socket for testing, potential transformer or surge arrestor |
| 2 Three-position switch operating mechanism with auxiliary contacts | 8 Grounding switch cable side | 15 Current transformer |
| 3 Three-position switch | 9 Cable socket | 16 Pressure relief disc |
| 4 Pressure sensor (temperature-compensated) | 10 Cable plug | 17 Circuit-breaker |
| 5 Circuit-breaker operating mechanism | 11 Main earth bar | 18 Pressure relief duct |
| 6 Three-position switch between cable and circuit-breaker | 12 Voltage resistant cover | 19 Busbar |
| | 13 Measuring sockets for capacitive voltage indicator system | ■ Insulating Gas |



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