



ABB AG - EPDS

Gas-insulated switchgear

Type ZX0 – block version



Gas-insulated switchgear

Compact medium voltage switchgear

Type ZX0

Single busbar systems

12 kV, ...1250 A, ...25 kA

24 kV, ...1250 A, ...25 kA





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With IAC classification			
AFL 25 kA 1s			
AFLR 25 kA 1s			
Rated voltage	kV	12	24
Rated current of busbars	A	...1250	...1250
Rated current of tee-offs			
with circuit-breaker	A	...1250	...1250
without circuit-breaker	A	...630	...630
Rated short-circuit breaking current	kA	...25	...25
Width a	mm	400 / 600 ¹⁾	
Height b	mm	2100 or 2250	
Depth c	mm	950 / 1100 ¹⁾	
wall installation		1185	
free standing			



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Block versions

Width of function unit 400 and 600 mm

- ZX0 for all users
- Electrical operation for circuit-breaker, three position disconnecter and switch-disconnector
- With multifunctional protection and control unit

or

- For applications without auxiliary voltage
- Manual operation of all switching devices

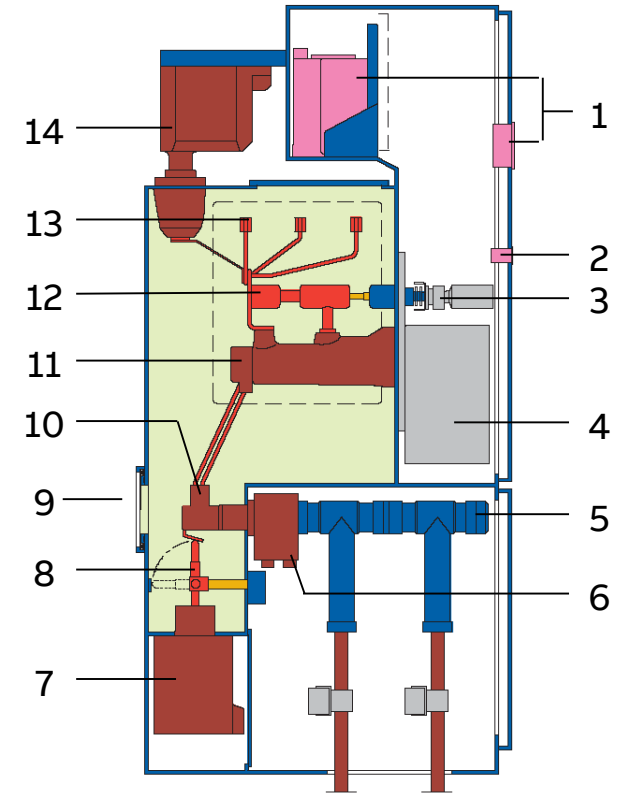


Gas-insulated switchgear

Compact medium voltage switchgear

Type ZX0 Circuit-breaker panel 1250 A

- 1 Multifunctional control and protection unit
 - 2 Measuring sockets for capacitive voltage indicator system
 - 3 Three position disconnecter mechanism
 - 4 Circuit-breaker mechanism
 - 5 Cable plug
 - 6 Ring-type current transformer
 - 7 Voltage transformer
 - 8 VT disconnecting device
 - 9 Pressure relief plate
 - 10 External cone
 - 11 Vacuum circuit-breaker
 - 12 Three position disconnector
 - 13 Busbars
 - 14 Plug-in busbar voltage transformers
- SF₆

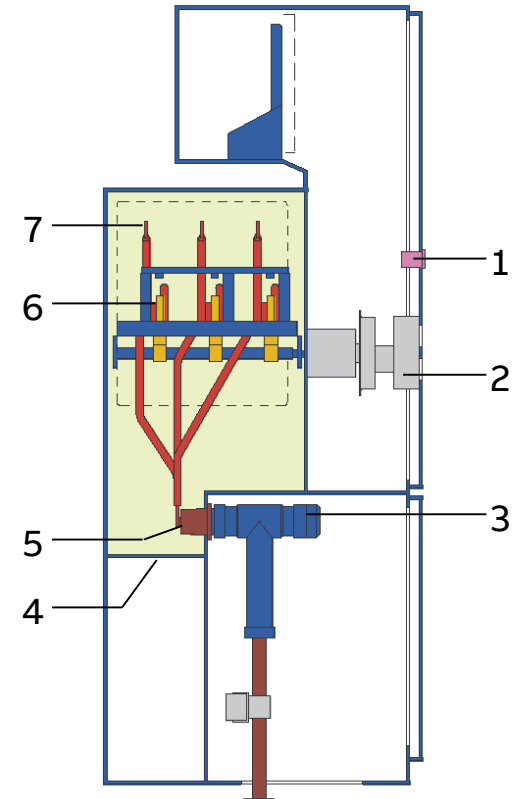


Gas-insulated switchgear

Compact medium voltage switchgear

Type ZX0 Switch disconnecter panel

- 1 Measuring sockets for capacitive voltage indicator system
 - 2 Three position switch disconnecter mechanism
 - 3 Cable plug
 - 4 Pressure relief plate
 - 5 External cone
 - 6 Three position switch disconnecter
 - 7 Busbars
-  SF₆



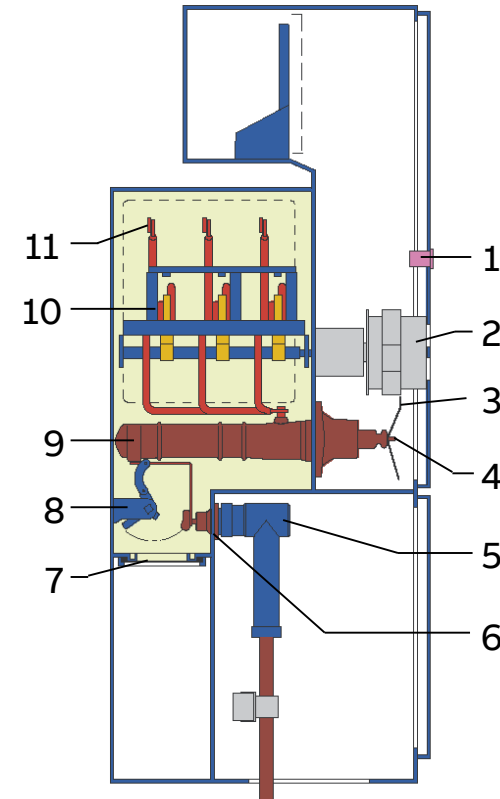
Gas-insulated switchgear

Compact medium voltage switchgear

Type ZX0 Switch disconnecter panel with fuses

- 1 Measuring sockets for capacitive voltage indicator system
- 2 Three position switch disconnecter mechanism
- 3 Metallic cover plate
- 4 Orifice for strike pin
- 5 Cable plug
- 6 External cone
- 7 Pressure relief plate
- 8 Cable earthing switch
- 9 Fuse container
- 10 Three position switch disconnecter
- 11 Busbars

 SF₆



Gas-insulated switchgear

Compact medium voltage switchgear

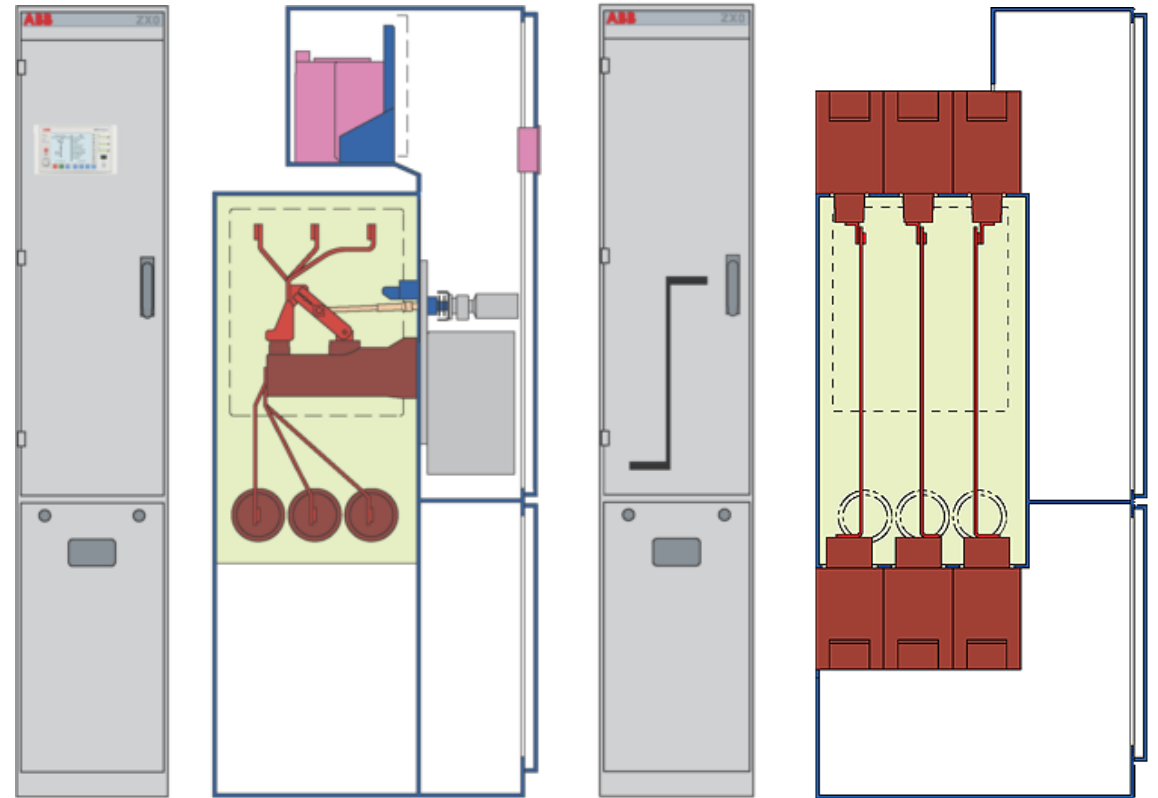
Type ZX0 Bus sectionalizer

With metering inside riser panel

Type A / B / G

Option

- Disconnectable VTs



Gas-insulated switchgear

Compact medium voltage switchgear

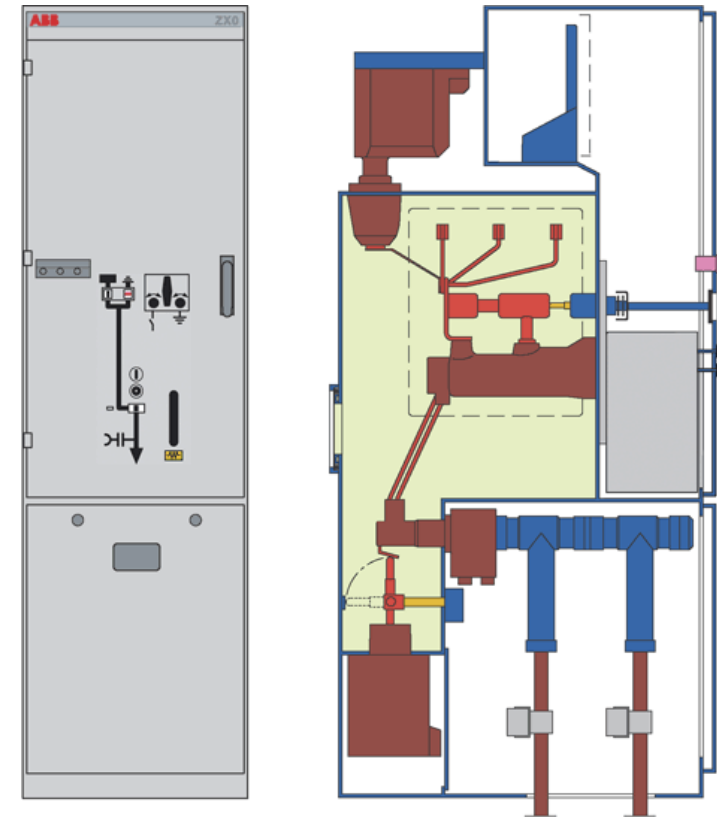
Type ZX0 Circuit-breaker panel 1250 A

Width of function unit 600 mm with manual operation

Type BE / BF

Option

- Motor drive for remote control
- Disconnectable cable metering
- Plug-in busbar metering



Gas-insulated switchgear

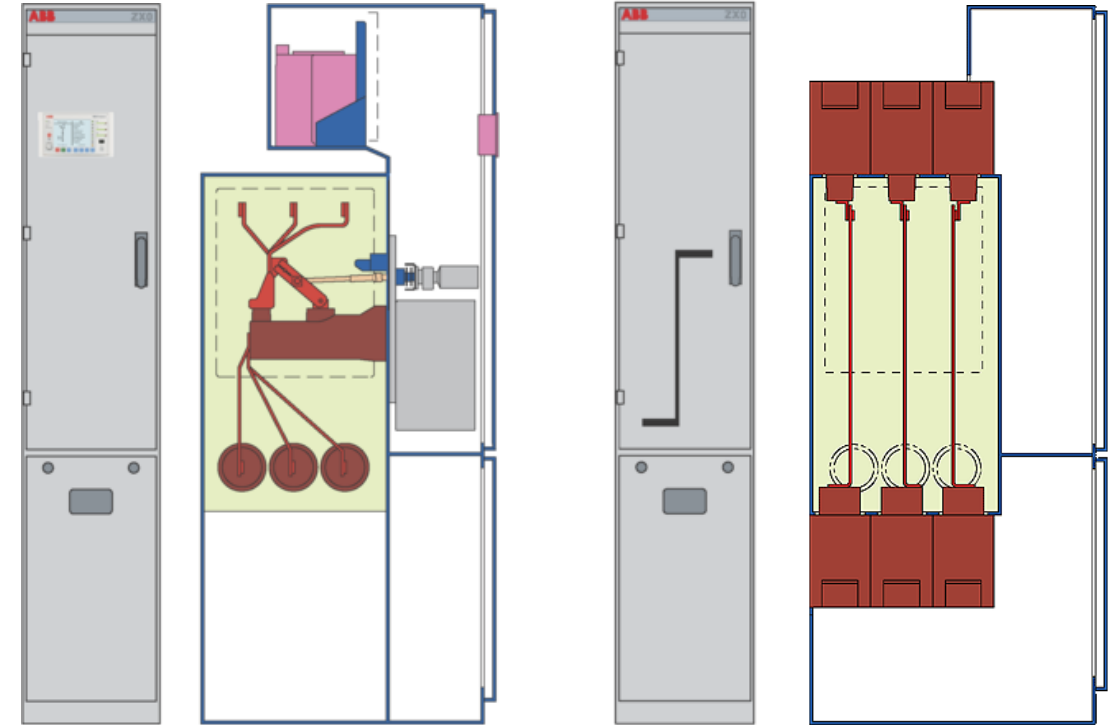
Compact medium voltage switchgear

Type ZX0 Bus sectionalizer With metering inside riser panel

Type A / B / G

Option

- Disconnectable VTs



Gas-insulated switchgear

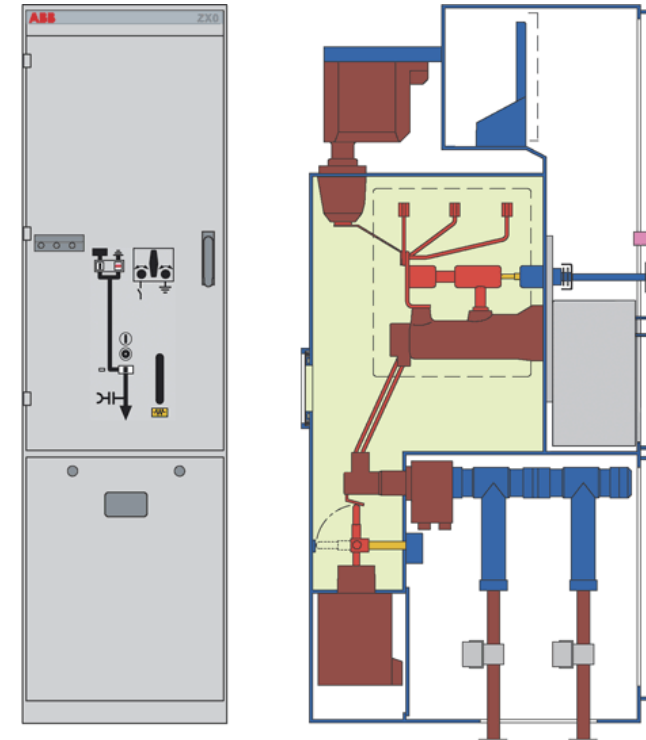
Compact medium voltage switchgear

Type ZX0 Circuit-breaker panel 1250 A – Width of function unit 600 mm with manual operation

Type BE / BF

Option

- Motor drive for remote control
- Disconnectable cable metering
- Plug-in busbar metering



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