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
Gas-insulated switchgear
Compact medium voltage switchgear

**Type ZX0**

With IAC classification
AFL 25 kA 1s
AFLR 25 kA 1s

<table>
<thead>
<tr>
<th>Rated voltage</th>
<th>kV</th>
<th>12</th>
<th>24</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated current of busbars</td>
<td>A</td>
<td>...1250</td>
<td>...1250</td>
</tr>
<tr>
<td>Rated current of tee-offs with circuit-breaker</td>
<td>A</td>
<td>...1250</td>
<td>...1250</td>
</tr>
<tr>
<td>Rated short-circuit breaking current</td>
<td>kA</td>
<td>...25</td>
<td>...25</td>
</tr>
<tr>
<td>Width a (mm)</td>
<td>400 / 600 1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Height b (mm)</td>
<td>2100 or 2250</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Depth c (mm)</td>
<td>950 / 1100 2) / 1185</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1) For Feeder currents > 800 A; with voltage metering

©ABB
Gas-insulated switchgear

Compact medium voltage switchgear

**Type ZX0**

**Block versions**
Width of function unit 400 and 600 mm
- ZX0 for all users
- Electrical operation for circuit-breaker, three position disconnector and switch-disconnector
- With multifunctional protection and control unit
  - 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 disconnector 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

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Gas-insulated switchgear

Compact medium voltage switchgear

Type ZX0 Switch disconnector panel

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

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Gas-insulated switchgear

Compact medium voltage switchgear

**Type ZX0 Switch disconnector panel with fuses**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Measuring sockets for capacitive voltage indicator system</td>
</tr>
<tr>
<td>2</td>
<td>Three position switch disconnector mechanism</td>
</tr>
<tr>
<td>3</td>
<td>Metallic cover plate</td>
</tr>
<tr>
<td>4</td>
<td>Orifice for strike pin</td>
</tr>
<tr>
<td>5</td>
<td>Cable plug</td>
</tr>
<tr>
<td>6</td>
<td>External cone</td>
</tr>
<tr>
<td>7</td>
<td>Pressure relief plate</td>
</tr>
<tr>
<td>8</td>
<td>Cable earthing switch</td>
</tr>
<tr>
<td>9</td>
<td>Fuse container</td>
</tr>
<tr>
<td>10</td>
<td>Three position switch disconnector</td>
</tr>
<tr>
<td>11</td>
<td>Busbars</td>
</tr>
</tbody>
</table>

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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