INSTALLATION INSTRUCTION

Switch Disconnectors

OT160G
# Table of contents

<table>
<thead>
<tr>
<th>Page</th>
<th>Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>03</td>
<td>Mounting</td>
</tr>
<tr>
<td>04</td>
<td>Cable terminal</td>
</tr>
<tr>
<td>05–06</td>
<td>Protection against direct contact</td>
</tr>
<tr>
<td>07</td>
<td>OT160G03_04, OT160GT30_40, OT160G30_40</td>
</tr>
<tr>
<td>08</td>
<td>Auxiliary contact</td>
</tr>
<tr>
<td>09</td>
<td>Clearances per UL98</td>
</tr>
<tr>
<td>010–011</td>
<td>Circuits</td>
</tr>
<tr>
<td>012</td>
<td>Dimension drawing</td>
</tr>
<tr>
<td>013</td>
<td>Door mounting OT160GT</td>
</tr>
<tr>
<td>15</td>
<td>Base mounting OT160G_</td>
</tr>
<tr>
<td></td>
<td>Warning table</td>
</tr>
</tbody>
</table>
Mounting

M4
2 Nm
17.7 lb.in
Cable terminal

Size and tightening torque of cable:
10...25 mm², 5 Nm, 44 lb.in
8-4 AWG
35...70 mm², 6 Nm, 53 lb.in
3-1/0 AWG
hex head 4 mm/0.16 in

Strip cable
19-21 mm
0.75-0.83 in
Protection against direct contact

Note: Use protection against direct contact.

Example in the picture.

Note: With non isolation protection cover AC-22 415 V 160 A
Protection against direct contact

MOUNTING 1
M3
0,8 Nm
7.08 lb.in

min. 26 mm

OHZX6
SWITCH DISCONNECTORS, OT160G

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**OT160G03_04**

**OT160GT30_40, OT160G30_40**

- **OT160G03_04**
  - 1...2 pcs OA1G01
  - Push shaft to bottom

- **OTS160G1L_**
  - Max. 1,8-2 Nm
  - 8.9-17.7 lb.in

- **OHB65J6**
  - 1...2 pcs OA1G10

- **YAST1**

- **OHBS16**

- **OXP6X210**

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**OT160GT30_40**

**OT160G30_40**

- 1...2 pcs OA1G10

---

**CLICK!**

Push shaft to bottom

Max. 1,8-2 Nm
8.9-17.7 lb.in

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1...2 pcs OA1G01
Auxiliary contact
Clearances per UL98

Minimum enclosure size or equivalent volume

<table>
<thead>
<tr>
<th>Height</th>
<th>Width</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>400 mm</td>
<td>600 mm</td>
<td>230 mm</td>
</tr>
<tr>
<td>15.76 in</td>
<td>23.64 in</td>
<td>9.06 in</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>25 mm / 0.98 in</td>
<td>52 mm / 2.05 in</td>
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</tbody>
</table>

Cable size

<table>
<thead>
<tr>
<th>AWG</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-8</td>
<td>51 mm / 2.01 in</td>
</tr>
</tbody>
</table>
Circuits

**Circuit: 2a**

**Circuit: 2b**

**Circuit: 5a**

**Circuit: 5b**

**Circuit: 5e**
## Circuits

### DC-ratings & Circuits

<table>
<thead>
<tr>
<th>DC-ratings &amp; Circuits</th>
<th>Rated operational voltage [V]</th>
<th>Rated operational current [A]/poles in series</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC-21A</td>
<td>( \leq 220 )</td>
<td>2A, 2B</td>
</tr>
<tr>
<td>DC-22A</td>
<td>( \leq 440 )</td>
<td>5A, 5B, 5C</td>
</tr>
<tr>
<td>DC-23A</td>
<td>( \leq 680 )</td>
<td>6A, 6B</td>
</tr>
</tbody>
</table>

Connection bar: OEZXY131
Tightening torque: 6 Nm, 53 lb.in
Dimension drawings
Door mounting OT160GT
Dimension drawings
Base mounting OT160G_
SWITCH DISCONNECTORS, OT160G
Contact us

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https://new.abb.com/low-voltage