INSTALLATION INSTRUCTION

Switch Disconnectors

OT160G
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Mounting

M4
2 Nm
17.7 lb.in
Cable terminal

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

Strip cable
19-21 mm
0.75-0.83 in

CLICK!

SWITCH DISCONNECTORS, OT160G
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
OT160G03_04
OT160GT30_40, OT160G30_40

Click!
Push shaft to bottom

Max. 1.8-2 Nm
8.9-17.7 lb.in

1...2 pcs
OA1G01

1...2 pcs
OA1G10

1...2 pcs
OA1G10

OT160G03_04
OT160GT30_40
OT160G30_40
Auxiliary contact
Clearances per UL98

Minimum enclosure size or equivalent volume

<table>
<thead>
<tr>
<th>Height</th>
<th>Width</th>
<th>Depth</th>
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</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>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>D</th>
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<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</td>
</tr>
<tr>
<td></td>
<td>2.01 in</td>
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</tbody>
</table>
Circuits

Circuit: 2a

Circuit: 2b

Circuit: 5a

Circuit: 5b

Circuit: 5e
Circuits

Connection bar: OEZXY131
Tightening torque: 6 Nm, 53 lb.in

<table>
<thead>
<tr>
<th>DC-ratings &amp; Circuits</th>
<th>Rated operational voltage [V]</th>
<th>Circuits</th>
<th>Rated operational current [A]/poles in series</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC-21A</td>
<td>≤ 220</td>
<td>2A, 2B</td>
<td>160A/2</td>
</tr>
<tr>
<td>DC-22A</td>
<td>≤ 440</td>
<td>5A, 5B, 5C</td>
<td>125A/3</td>
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<tr>
<td>DC-23A</td>
<td>≤ 680</td>
<td>6A, 6B</td>
<td>125A/4</td>
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</table>
Dimension drawings
Door mounting OT160GT

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Millimeters</th>
<th>Inches</th>
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</thead>
<tbody>
<tr>
<td>3-pole: 123</td>
<td>4.85</td>
<td></td>
</tr>
<tr>
<td>4-pole: 165</td>
<td>6.52</td>
<td></td>
</tr>
<tr>
<td>3-pole: 72</td>
<td>2.83</td>
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</tr>
<tr>
<td>4-pole: 99</td>
<td>3.90</td>
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<tr>
<td>3-pole: 70.5</td>
<td>2.78</td>
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</tr>
<tr>
<td>4-pole: 97.5</td>
<td>3.84</td>
<td></td>
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</tbody>
</table>

Dia 0.28
Dia 0.31
Dia 0.47
Dimension drawings
Base mounting OT160G
Contact us

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