INSTALLATION INSTRUCTION

Switch Disconnectors
OT160-250_S
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Installation

OT160-250_S_K / OHB65D6

M5 3/16

TORX T15, 0.8 Nm 7 lb.in

360°

OT160-250_S_/ OH_65_6_

M5 3/16
Labels
Terminal clamps OZX_
Terminal shrouds OTS_

OTS250T1S

1

2

3

4

M8 15...22 Nm 133-195 lb.in

OTS250TGL

1

2

M

KA00240
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>255 mm</td>
<td>152 mm</td>
</tr>
<tr>
<td>23.6 in</td>
<td>108 in</td>
<td>6 in</td>
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</table>

<table>
<thead>
<tr>
<th>AWG</th>
<th>C</th>
</tr>
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<tbody>
<tr>
<td>4-3</td>
<td>100 mm / 4 in</td>
</tr>
<tr>
<td>2</td>
<td>100 mm / 4 in</td>
</tr>
<tr>
<td>1</td>
<td>100 mm / 4 in</td>
</tr>
<tr>
<td>1/0</td>
<td>125 mm / 5 in</td>
</tr>
<tr>
<td>2/0</td>
<td>150 mm / 6 in</td>
</tr>
<tr>
<td>3/0-4/0</td>
<td>175 mm / 7 in</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>MCM</th>
<th>C</th>
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<tbody>
<tr>
<td>250</td>
<td>200 mm / 8 in</td>
</tr>
<tr>
<td>300</td>
<td>250 mm / 10 in</td>
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</tbody>
</table>
Auxiliary contacts OA_

Main contact
Test contact (NO)
Test indication contact (NO)
Test contact (NC)
Test indication contact (NC)

Remove

0 1 0 Test 0
Module for aux contacts OEA28

Note: Only for OT_S10, OT_S20, OT_S30 and OT_S40 types.
Fourth pole OZE250E

OT160/200/250_03S_

OT160/200/250_30S_

0.8 Nm
7 lb.in
Handles

Note: Use protection against direct contact. For example:

OT160/200/250_S_K

Ø5...6 mm

OT160/200/250_S_,
OH_65 3_6_

Ø5...10 mm
Handles OT160/200/250_S/OH_95_JL 6_

- OH_65_JL 6_ OXP6X_
- 2,5 mm 0.1 in
- 1,8...2 Nm 16-18 lb.in
Dimension drawings

OT160EVS_, OT200ES_, OT250ES_

<table>
<thead>
<tr>
<th></th>
<th>01</th>
<th>02</th>
<th>03</th>
<th>04</th>
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<tr>
<td></td>
<td>mm/in</td>
<td>mm/in</td>
<td>mm/in</td>
<td>mm/in</td>
</tr>
<tr>
<td>A</td>
<td>128,5 / 5.06</td>
<td>163,5 / 6.44</td>
<td>198,5 / 7.82</td>
<td>233,5 / 9.2</td>
</tr>
<tr>
<td>B</td>
<td>111,5 / 4.39</td>
<td>146,5 / 5.77</td>
<td>181,5 / 7.15</td>
<td>216,5 / 8.53</td>
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<tr>
<td>A1</td>
<td>71,5 / 2.81</td>
<td>106,5 / 4.2</td>
<td>141,5 / 5.57</td>
<td>176,5 / 6.95</td>
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<tr>
<td>B1</td>
<td>86,5 / 3.41</td>
<td>121,5 / 4.79</td>
<td>156,5 / 6.16</td>
<td>191,5 / 7.54</td>
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<tr>
<td>C1</td>
<td>101,5 / 4.00</td>
<td>136,5 / 5.38</td>
<td>171,5 / 6.75</td>
<td>206,5 / 8.14</td>
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mm / in
Dimension drawings

OT200US

<table>
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<tr>
<th>US01</th>
<th>US02</th>
<th>US03</th>
<th>US04</th>
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<tr>
<td>mm</td>
<td>in</td>
<td>mm</td>
<td>in</td>
</tr>
<tr>
<td>A</td>
<td>136.5 / 5.38</td>
<td>179.5 / 7.07</td>
<td>222.5 / 8.77</td>
</tr>
<tr>
<td>B</td>
<td>119.5 / 4.71</td>
<td>162.6 / 6.4</td>
<td>205.5 / 8.1</td>
</tr>
<tr>
<td>A1</td>
<td>79.5 / 3.13</td>
<td>122.5 / 4.83</td>
<td>165.5 / 6.52</td>
</tr>
<tr>
<td>B1</td>
<td>94.5 / 3.72</td>
<td>137.5 / 5.42</td>
<td>180.5 / 7.11</td>
</tr>
<tr>
<td>C1</td>
<td>109.5 / 4.31</td>
<td>152.5 / 6.01</td>
<td>195.5 / 7.7</td>
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SWITCH DISCONNECTORS, OT160-250_S

BG Внимание! Опасно напряжение! Да се монтира само от лич с електротехническа квалификация.
FR Avertissement! Tension électrique dangereuse! Installation uniquement par des personnes qualifiées en électricité.
MT Twissija! Valtag perikoluz! Ghanduji jigi installat biss minn persuna bkompetenza elettroteknika.
HR Upozorenje! Opasan napon! Postavlja se samo elektrotehnički stručnjak.
DE Warnung! Gefährliche Spannung! Installation nur durch elektrotechnische Fachkraft.
PL Ostrzeżenie! Niebezpieczne napięcie! Instalacja może dokonać wyłącznie osoba z fachową wiedzą w dziedzinie elektrotechniki.
CZ Varování! Nebezpečné napětí! Montáž smí provádět výhradně elektrotechnik!
EL Προειδοποίηση! Υψηλή τάση! Η εγκατάσταση πρέπει να γίνεται μόνο από εξειδικευμένους ηλεκτροτεχνικούς.
PT Aviso! Tensão perigosa! A instalação só deve ser realizada por um eletricista especializado.
DA ADVARSEL! Farlig elektrisk spænding! Installation må kun foretages af personer med elektroteknisk ekspertise.
HU Figyelmeztetés! Veszélyes feszültség! Csak elektrotechnikai tapasztalattal rendelkező szakember helyezheti üzembe.
RO Avertizare! Tensiune periculoasă! Instalarea trebuie efectuată numai de către o persoană cu experiență în electrotehnică.
NL Waarschuwing! Gevaarlijke spanning! Mag alleen geïnstalleerd worden door een deskundige elektrotechnicus.
IE Rabhadh! Voltas guaiseach! Ba chóir do dhuine ag a bhfuil saineolas leictriteicniúil, agus an tse amhain, é seo a shuíteáil.
SK Varnovanie! Nebezpečné napätie! Montáž môže vykonávať iba skúsený elektrotechnik.
EN Warning! Hazardous voltage! Installation by person with electrotechnical expertise only.
IT Avvertenza! Tensione pericolosa! Fare installare solo da un eletricista qualificato.
SL Opozorilo! Nevarna napetost! Vgradnja lahko opravi le oseba z elektrotehničnim strokovnim znanjem.
ET Höiuus! Ohlitik pingė. Paigaldada võib ainult elektriteehnika-alane ekspert.
LV Uzmanību! Bistami - elektrība! Montāžas darbus veikst tikai personas, kurām ir atbildīšanas elektrotehnikās zināšanas.
ES ¡Advertencia! ¡Tensión peligrosa! La instalación deberá ser realizada únicamente por electricistas especializados.
FI Vääritys! Vaarallinen jännite! Asennuksen voi tehdä vain sähköalan ammattihenkilö.
LT Demesio! Pavojinga įtampa! Dirbti leidžiama tik elektrotechnikui patirties turintiems asmenims.
SE Varning! Farlig spänning! Installation får endast utföras av en elektiker.
CH 報警！电压危险！只能由专业电工进行安装。
RU Осторожно! Опасное напряжение! Монтаж должен выполняться только специалистом-электриком.
Contact us

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P.O. Box 622
FI-65101 Vaasa
Finland

abb.com/lowvoltage