Plastic enclosed switch-disconnectors
OTU from 16 to 125 Amperes
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OTU from 16 to 125 Amperes

Enclosed switch-disconnectors OTU 16 to 125 Amperes are used as main switches in applications where loads need to be isolated from the network.

Reliable in extreme conditions
The plastic enclosures have a protection degree IP65. They are made of glass reinforced polycarbonate plastic material (PC f1). OTU enclosed switches have been designed for applications that require high rigidity, heat resistance and good impact performance. The plastic enclosures are suitable for indoor and outdoor use with excellent UV resistance in accordance with UL746C.

Safety and protection
The switches are equipped with a quick-make - quick-break operating mechanism. The ON and OFF positions are clearly marked on the front of the switch handle. It is possible to padlock in OFF-position with max. 3 padlocks against unintentional operation. If the contacts are welded together, the handle does not reach the OFF-position.

Features
- Three enclosure sizes for the whole range
- Front operation
- Plastic enclosure in polycarbonate plastic (PC f1), colour RAL 7035
- Degree of protection: IP65, IEC60529
- Standard IEC 60947-3 for Switch-disconnectors
- Cable outlets M25 and M40
- 3- and 4-pole versions
- Black or red-yellow handle
- Neutral link and PE-terminal as standard
Plastic enclosed switch-disconnectors, 16...63 Amperes, IP65

The delivery includes a multi package containing two or four switches packed in plastic wrap with a cardboard base. The switches are equipped with N- and PE -terminals. Compression glands have to be ordered separately.

### Cable entries from top and bottom

<table>
<thead>
<tr>
<th>Rated current</th>
<th>Enclosure dimension</th>
<th>Weight/ unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC-22A 415 V</td>
<td>H mm</td>
<td>W mm</td>
</tr>
<tr>
<td>AC-23A 415 V</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A</td>
<td>A</td>
<td>Cable outlets/side</td>
</tr>
<tr>
<td>3-Pole front operated switch-disconnectors</td>
<td>Includes round black handle (I-O and ON-OFF indication)</td>
<td></td>
</tr>
<tr>
<td>4-Pole front operated switch-disconnectors</td>
<td>Includes round black handle (I-O and ON-OFF indication)</td>
<td></td>
</tr>
<tr>
<td>3-Pole front operated switch-disconnectors</td>
<td>Includes round red-yellow handle (I-O and ON-OFF indication)</td>
<td></td>
</tr>
<tr>
<td>4-Pole front operated switch-disconnectors</td>
<td>Includes round red-yellow handle (I-O and ON-OFF indication)</td>
<td></td>
</tr>
</tbody>
</table>
### Ordering information

Plastic enclosed switch-disconnectors OTU 100...125A

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**Plastic enclosed switch-disconnectors, 100...125 Amperes, IP65**

The delivery includes a black handle (I-O/ON-OFF), PE-terminal and knock out cable entries. Grey enclosure. The 3 pole versions contains a fixed neutral terminal. Handle padlockable in Off position for 3 padlocks.

#### Cable entries from top and bottom

<table>
<thead>
<tr>
<th>Rated current</th>
<th>Enclosure dimension</th>
<th>Order number</th>
<th>Weight/unit kg</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AC-22A</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A A</td>
<td>H W D</td>
<td></td>
<td></td>
</tr>
<tr>
<td>100 80</td>
<td>2xØ40.5+Ø20.5</td>
<td>OTU100B3MS4</td>
<td>1.9</td>
</tr>
<tr>
<td>125 90</td>
<td>2xØ40.5+Ø20.5</td>
<td>OTU125B3MS4</td>
<td>1.9</td>
</tr>
<tr>
<td><strong>AC-23A</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A A</td>
<td>H W D</td>
<td></td>
<td></td>
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<td>OTU125B4MS4</td>
<td>1.9</td>
</tr>
</tbody>
</table>

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### Auxiliary contacts

#### Auxiliary contacts for enclosed switch-disconnector OTU 16...125

The auxiliary contacts n.o. open before the main contacts. The maximum amount of auxiliary contacts for OTU range is 2x2

<table>
<thead>
<tr>
<th>For switches</th>
<th>Auxiliary contact</th>
<th>Mounting to the side of the switch</th>
<th>Type</th>
<th>Order number</th>
<th>Delivery batch pcs</th>
<th>Weight/unit kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>OTU16...125</td>
<td>l no</td>
<td>right side</td>
<td>OA1G01</td>
<td>1SCA022353R4970</td>
<td>10</td>
<td>0.03</td>
</tr>
<tr>
<td>OTU16...125</td>
<td>l nc</td>
<td>left side</td>
<td>OA1G01</td>
<td>1SCA022353R4890</td>
<td>10</td>
<td>0.03</td>
</tr>
</tbody>
</table>
**Dimension drawings**

**OTU16-32**

Handle OZ331SPRY or OZ331SPB

Knock-outs

Knock-outs on top and bottom

**OTU45-63**

Handle OX331SPRY or OZ331SPB

Knock-outs

Knock-outs on top and bottom
Dimension drawings

OTU100_125_
For your notes
ABB Oy
Smart Power
P.O. Box 622
FI-65101 Vaasa
Finland

new.abb.com/low-voltage

Find the address of your local sales organization on the ABB homepage:

www.abb.com/contacts
> Low Voltage Products and Systems

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