### Characteristics

33420  
**basic switch disconnector, Compact NS630b NA, fixed, manually operated, 630 A, 690 VAC 50/60 Hz, 3 poles**

### Main

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product name</strong></td>
<td>Compact NS</td>
</tr>
<tr>
<td><strong>Device short name</strong></td>
<td>Compact NS630b NA</td>
</tr>
<tr>
<td><strong>Product or component type</strong></td>
<td>Switch disconnector</td>
</tr>
<tr>
<td><strong>Device application</strong></td>
<td>Distribution</td>
</tr>
<tr>
<td><strong>Offer type</strong></td>
<td>C4</td>
</tr>
<tr>
<td><strong>Poles description</strong></td>
<td>3P</td>
</tr>
<tr>
<td><strong>Network type</strong></td>
<td>AC</td>
</tr>
<tr>
<td><strong>Performance level</strong></td>
<td>NA</td>
</tr>
<tr>
<td><strong>Suitability for isolation</strong></td>
<td>Yes according to IEC 60947-3</td>
</tr>
</tbody>
</table>

### Complementary

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Network frequency</strong></td>
<td>50/60 Hz</td>
</tr>
<tr>
<td><strong>Control type</strong></td>
<td>Toggle</td>
</tr>
<tr>
<td><strong>Mounting mode</strong></td>
<td>Fixed</td>
</tr>
<tr>
<td><strong>[le] rated operational current</strong></td>
<td>AC-23A : 630 A AC 50/60 Hz 220/240 V</td>
</tr>
<tr>
<td></td>
<td>AC-23A : 630 A AC 50/60 Hz 380/415 V</td>
</tr>
<tr>
<td></td>
<td>AC-23A : 630 A AC 50/60 Hz 440/480 V</td>
</tr>
<tr>
<td></td>
<td>AC-23A : 630 A AC 50/60 Hz 500/525 V</td>
</tr>
<tr>
<td></td>
<td>AC-23A : 630 A AC 50/60 Hz 660/690 V</td>
</tr>
<tr>
<td><strong>[Ui] rated insulation voltage</strong></td>
<td>800 V AC 50/60 Hz according to IEC 60947-3</td>
</tr>
<tr>
<td><strong>[Uimp] rated impulse withstand voltage</strong></td>
<td>8 kV according to IEC 60947-3</td>
</tr>
<tr>
<td><strong>[Ith] conventional free air thermal current</strong></td>
<td>630 A ( 60 °C )</td>
</tr>
<tr>
<td><strong>[lcw] rated short-time withstand current</strong></td>
<td>25 kA ( 0.5 s ) according to IEC 60947-3</td>
</tr>
<tr>
<td></td>
<td>4 kA ( 20 s ) according to IEC 60947-3</td>
</tr>
<tr>
<td><strong>[Icm] rated short-circuit making capacity</strong></td>
<td>52 kA 690 V AC 50/60 Hz</td>
</tr>
<tr>
<td><strong>[Ue] rated operational voltage</strong></td>
<td>690 V AC 50/60 Hz according to IEC 60947-3</td>
</tr>
<tr>
<td><strong>Contact position indicator</strong></td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Visible break</strong></td>
<td>No</td>
</tr>
<tr>
<td><strong>Mechanical durability</strong></td>
<td>6000 cycles conforming to IEC 60947-3</td>
</tr>
<tr>
<td><strong>Electrical durability</strong></td>
<td>1000 cycles 440 V AC 50/60 Hz according to IEC 60947-3</td>
</tr>
</tbody>
</table>

**Disclaimer:** This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connection pitch</td>
<td>70 mm</td>
</tr>
<tr>
<td>Height</td>
<td>327 mm</td>
</tr>
<tr>
<td>Width</td>
<td>210 mm</td>
</tr>
<tr>
<td>Depth</td>
<td>147 mm</td>
</tr>
<tr>
<td>Product weight</td>
<td>14 kg</td>
</tr>
</tbody>
</table>

**Environment**

<table>
<thead>
<tr>
<th>Category</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standards</td>
<td>IEC 60947-3</td>
</tr>
<tr>
<td>Product certifications</td>
<td>ASEFA</td>
</tr>
<tr>
<td></td>
<td>ASTA</td>
</tr>
<tr>
<td>Pollution degree</td>
<td>3 according to IEC 60947-3</td>
</tr>
<tr>
<td>Ambient air temperature for operation</td>
<td>-25...70 °C</td>
</tr>
<tr>
<td>Ambient air temperature for storage</td>
<td>-50...85 °C</td>
</tr>
</tbody>
</table>

**Contractual warranty**

<table>
<thead>
<tr>
<th>Category</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Warranty period</td>
<td>18 months</td>
</tr>
</tbody>
</table>