<table>
<thead>
<tr>
<th>Characteristics</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product name</strong></td>
<td>Acti 9 IC60</td>
</tr>
<tr>
<td><strong>Product or component type</strong></td>
<td>Miniature circuit-breaker</td>
</tr>
<tr>
<td><strong>Device short name</strong></td>
<td>IC60N</td>
</tr>
<tr>
<td><strong>Poles description</strong></td>
<td>2P</td>
</tr>
<tr>
<td><strong>Number of protected poles</strong></td>
<td>2</td>
</tr>
<tr>
<td><strong>[In] rated current</strong></td>
<td>16 A</td>
</tr>
<tr>
<td><strong>Network type</strong></td>
<td>AC, DC</td>
</tr>
<tr>
<td><strong>Trip unit technology</strong></td>
<td>Thermal-magnetic</td>
</tr>
<tr>
<td><strong>Curve code</strong></td>
<td>C</td>
</tr>
<tr>
<td><strong>Breaking capacity</strong></td>
<td>6000 A Icn at 400 V AC 50/60 Hz conforming to EN/IEC 60898-1</td>
</tr>
<tr>
<td></td>
<td>36 kA Icu at 12...60 V AC 50/60 Hz conforming to EN/IEC 60947-2</td>
</tr>
<tr>
<td></td>
<td>10 kA Icu at &lt;= 125 V DC conforming to EN/IEC 60947-2</td>
</tr>
<tr>
<td></td>
<td>10 kA Icu at 380...415 V AC 50/60 Hz conforming to EN/IEC 60947-2</td>
</tr>
<tr>
<td></td>
<td>20 kA Icu at 220...240 V AC 50/60 Hz conforming to EN/IEC 60947-2</td>
</tr>
<tr>
<td></td>
<td>6 kA Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2</td>
</tr>
<tr>
<td></td>
<td>36 kA Icu at 100...133 V AC 50/60 Hz conforming to EN/IEC 60947-2</td>
</tr>
<tr>
<td><strong>Utilisation category</strong></td>
<td>Category A conforming to EN 60947-2</td>
</tr>
<tr>
<td></td>
<td>Category A conforming to IEC 60947-2</td>
</tr>
<tr>
<td><strong>Suitability for isolation</strong></td>
<td>Yes conforming to EN 60898-1</td>
</tr>
<tr>
<td></td>
<td>Yes conforming to EN 60947-2</td>
</tr>
<tr>
<td></td>
<td>Yes conforming to IEC 60898-1</td>
</tr>
<tr>
<td></td>
<td>Yes conforming to IEC 60947-2</td>
</tr>
<tr>
<td><strong>Standards</strong></td>
<td>IEC 60898-1</td>
</tr>
<tr>
<td></td>
<td>EN 60898-1</td>
</tr>
<tr>
<td></td>
<td>IEC 60947-2</td>
</tr>
<tr>
<td></td>
<td>EN 60947-2</td>
</tr>
<tr>
<td><strong>Complementary</strong></td>
<td></td>
</tr>
<tr>
<td>-------------------</td>
<td></td>
</tr>
<tr>
<td><strong>Network frequency</strong></td>
<td>50/60 Hz</td>
</tr>
<tr>
<td><strong>Magnetic tripping limit</strong></td>
<td>8 x I_n +/- 20 %</td>
</tr>
<tr>
<td><strong>[Ics] rated service breaking capacity</strong></td>
<td>15 kA 75 % conforming to EN 60947-2 - 220...240 V AC 50/60 Hz</td>
</tr>
<tr>
<td></td>
<td>7.5 kA 75 % conforming to EN 60947-2 - 380...415 V AC 50/60 Hz</td>
</tr>
<tr>
<td></td>
<td>4.5 kA 75 % conforming to EN 60947-2 - 440 V AC 50/60 Hz</td>
</tr>
<tr>
<td></td>
<td>15 kA 75 % conforming to IEC 60947-2 - 220...240 V AC 50/60 Hz</td>
</tr>
<tr>
<td></td>
<td>7.5 kA 75 % conforming to IEC 60947-2 - 380...415 V AC 50/60 Hz</td>
</tr>
<tr>
<td></td>
<td>4.5 kA 75 % conforming to IEC 60947-2 - 440 V AC 50/60 Hz</td>
</tr>
<tr>
<td></td>
<td>27 kA 75 % conforming to IEC 60947-2 - 12...133 V AC 50/60 Hz</td>
</tr>
<tr>
<td></td>
<td>27 kA 75 % conforming to EN 60947-2 - 12...133 V AC 50/60 Hz</td>
</tr>
<tr>
<td></td>
<td>6000 A 100 % conforming to EN 60898-1 - 400 V AC 50/60 Hz</td>
</tr>
<tr>
<td></td>
<td>6000 A 100 % conforming to IEC 60898-1 - 400 V AC 50/60 Hz</td>
</tr>
<tr>
<td></td>
<td>10 kA 100 % conforming to IEC 60947-2 - 72...125 V DC</td>
</tr>
<tr>
<td></td>
<td>10 kA 100 % conforming to EN 60947-2 - 72...125 V DC</td>
</tr>
<tr>
<td><strong>Limitation class</strong></td>
<td>3 conforming to EN 60898-1</td>
</tr>
<tr>
<td></td>
<td>3 conforming to IEC 60898-1</td>
</tr>
<tr>
<td><strong>[Ui] rated insulation voltage</strong></td>
<td>500 V AC 50/60 Hz conforming to EN 60947-2</td>
</tr>
<tr>
<td></td>
<td>500 V AC 50/60 Hz conforming to IEC 60947-2</td>
</tr>
<tr>
<td><strong>[Uimp] rated impulse withstand voltage</strong></td>
<td>6 kV conforming to EN 60947-2</td>
</tr>
<tr>
<td></td>
<td>6 kV conforming to IEC 60947-2</td>
</tr>
<tr>
<td><strong>Contact position indicator</strong></td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Control type</strong></td>
<td>Toggle</td>
</tr>
<tr>
<td><strong>Local signalling</strong></td>
<td>Trip indicator</td>
</tr>
<tr>
<td><strong>Mounting mode</strong></td>
<td>Fixed</td>
</tr>
<tr>
<td><strong>Mounting support</strong></td>
<td>DIN rail</td>
</tr>
<tr>
<td><strong>Comb busbar and distribution block compatibility</strong></td>
<td>Top or bottom: YES</td>
</tr>
<tr>
<td><strong>9 mm pitches</strong></td>
<td>4</td>
</tr>
<tr>
<td><strong>Height</strong></td>
<td>85 mm</td>
</tr>
<tr>
<td><strong>Width</strong></td>
<td>36 mm</td>
</tr>
<tr>
<td><strong>Depth</strong></td>
<td>78.5 mm</td>
</tr>
<tr>
<td><strong>Net weight</strong></td>
<td>0.25 kg</td>
</tr>
<tr>
<td><strong>Colour</strong></td>
<td>White</td>
</tr>
<tr>
<td><strong>Mechanical durability</strong></td>
<td>20000 cycles</td>
</tr>
<tr>
<td><strong>Electrical durability</strong></td>
<td>10000 cycles</td>
</tr>
<tr>
<td><strong>Connections - terminals</strong></td>
<td>Single terminal (top or bottom) 1...25 mm² rigid</td>
</tr>
<tr>
<td></td>
<td>Single terminal (top or bottom) 1...16 mm² flexible</td>
</tr>
<tr>
<td><strong>Wire stripping length</strong></td>
<td>14 mm for top or bottom connection</td>
</tr>
<tr>
<td><strong>Tightening torque</strong></td>
<td>2 N.m top or bottom</td>
</tr>
<tr>
<td><strong>Earth-leakage protection</strong></td>
<td>Separate block</td>
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</table>

<table>
<thead>
<tr>
<th><strong>Environment</strong></th>
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</thead>
<tbody>
<tr>
<td><strong>IP degree of protection</strong></td>
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<tr>
<td></td>
</tr>
<tr>
<td><strong>Pollution degree</strong></td>
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<tr>
<td></td>
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<tr>
<td><strong>Overvoltage category</strong></td>
</tr>
<tr>
<td><strong>Tropicalisation</strong></td>
</tr>
<tr>
<td><strong>Relative humidity</strong></td>
</tr>
<tr>
<td><strong>Operating altitude</strong></td>
</tr>
<tr>
<td><strong>Ambient air temperature for operation</strong></td>
</tr>
<tr>
<td><strong>Ambient air temperature for storage</strong></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Offer Sustainability</strong></th>
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</thead>
<tbody>
<tr>
<td><strong>Sustainable offer status</strong></td>
</tr>
<tr>
<td>Category</td>
</tr>
<tr>
<td>----------------------------------</td>
</tr>
<tr>
<td>REACH Regulation</td>
</tr>
<tr>
<td>REACH free of SVHC</td>
</tr>
<tr>
<td>EU RoHS Directive</td>
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<td>Mercury free</td>
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<td>RoHS exemption information</td>
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<tr>
<td>China RoHS Regulation</td>
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<tr>
<td>Environmental Disclosure</td>
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<tr>
<td>Circularity Profile</td>
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<td>WEEE</td>
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<tr>
<td><strong>Contractual warranty</strong></td>
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<td>Warranty</td>
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