Outdoor Pole Mounted Capacitor Switch
Type PMCS

For shunt capacitor switching

- Vacuum interruption
- Magnetic actuator operating mechanism
- Highly reliable
- Compact, dead tank design
- Mechanical and electrical endurance: 30000 operations
- Air-insulated environment-friendly design
Advantage actuator

- Highly reliable
- Only one moving part
- Bi-stable
- No adjustments required at site
- Maintenance free
- Low power consumption

Main features

- Advanced electronics for control of system parameters
- Self powered
- Switch on-off status indication
- Suitable for pole mounted or substation mounted structure
- Microprocessor based capacitor control relays
- Facility for manual tripping

Technical specifications - PMCS 12.02.12

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Unit</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated voltage</td>
<td>kV</td>
<td>12</td>
</tr>
<tr>
<td>Rated current</td>
<td>A</td>
<td>200 A</td>
</tr>
<tr>
<td>Rated frequency</td>
<td>Hz</td>
<td>50</td>
</tr>
<tr>
<td>Power frequency withstand voltage</td>
<td>kVrms</td>
<td>28</td>
</tr>
<tr>
<td>Impulse withstand voltage (1.2/50 μs)</td>
<td>kVpeak</td>
<td>7.5</td>
</tr>
<tr>
<td>Rated short-time current (3 sec)</td>
<td>kA</td>
<td>13.1</td>
</tr>
<tr>
<td>Rated breaking current</td>
<td>A</td>
<td>200</td>
</tr>
<tr>
<td>Rated making current</td>
<td>KA</td>
<td>31.5</td>
</tr>
<tr>
<td>Rated operating duty</td>
<td></td>
<td>0-5min-c-5min</td>
</tr>
<tr>
<td>Control circuit voltage</td>
<td>V AC</td>
<td>157 V from Control transformer 230 V for Control Electronics</td>
</tr>
<tr>
<td>Electrical endurance at normal current</td>
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<td>30,000</td>
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<tr>
<td>Mechanical operations</td>
<td></td>
<td>30,000</td>
</tr>
<tr>
<td>Shunt capacitor switching</td>
<td>KVAR</td>
<td>660</td>
</tr>
</tbody>
</table>

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