V-LMT Vacuum Contactor
The V-LMT contactor consists of a vacuum contactor mounted on a carriage with high voltage striker-pin fuses. This contactor is highly suitable for use in mining, industrial and utility applications where frequent switching of large motors and capacitor banks is required.

The V-LMT contactor carriage is fully interchangeable with LMT, LMS, LMR, LSR, LMVP, HD4-LMT and VD4-LMT circuit breakers, providing a high degree of flexibility in substations consisting of circuit breakers and contactors.

The steel-wheeled carriage of the contactor allows horizontal withdrawal to the service, earth or fully withdrawn positions.

Raising and lowering of the contactor is by means of a geared mechanism with a removable operating handle.

Secondary connections between the contactor and the enclosure is by means of self-aligning isolating contacts, which are located on the inner right hand side of the contactor compartment.

Bolted high voltage striker-pin fuse links are mounted onto the carriage. In the event of a short circuit, the fuse will interrupt the fault current and the striker-pin will operate a microswitch and/or a trip bar, that will open the vacuum contactor to disconnect all three phases.

Technical Specifications

<table>
<thead>
<tr>
<th>Standards</th>
<th>IEC 470 &amp; IEC 632-1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated Frequency fr (Hz)</td>
<td>50 / 60</td>
</tr>
<tr>
<td>Impulse Withstand Voltage Up(kV)</td>
<td>60</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type Rated</th>
<th>Rated Current Ir(A)</th>
<th>Rated Voltage Ur(kV)</th>
<th>Withstand Voltage Ud (1 min)(kV)</th>
<th>Rated Breaking Capacity Isc(kA)</th>
<th>Making Capacity Ip(kA)</th>
<th>Rated Short Time Current Ik(kA) 1sec without fuses</th>
<th>Rated Short Time Current Ik(kA) 1sec with fuses</th>
</tr>
</thead>
<tbody>
<tr>
<td>V-LMC 400</td>
<td>400</td>
<td>7.2</td>
<td>20</td>
<td>rated by fuse</td>
<td>4</td>
<td>6</td>
<td>21</td>
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<tr>
<td>V-LMC 200</td>
<td>200</td>
<td>7.2</td>
<td>20</td>
<td>rated by fuse</td>
<td>4</td>
<td>6</td>
<td>21</td>
</tr>
</tbody>
</table>

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