Medium voltage products

PowerCube type PB/F
Fixed parts for constructing medium voltage switchgear

- Modular structure
- Mechanical and electromechanical safety locks against incorrect operations
- Metal shutters with fail safe device on request (prevention of manual opening)
- Suited to making switchgear for circuit-breaker/contactor racking-in/out with door closed
- Possibility of using gas insulated circuit-breakers and vacuum circuit-breakers and contactors
- Version with earthing switch with making capacity
- Earthing switch fitted with interlocks with the circuit-breaker
Technical data

<table>
<thead>
<tr>
<th>PowerCube type PB/F</th>
<th>12 kV</th>
<th>17.5 kV</th>
<th>24 kV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated voltage [kV]</td>
<td>12</td>
<td>17.5</td>
<td>24</td>
</tr>
<tr>
<td>Rated insulation voltage [kV]</td>
<td>12</td>
<td>17.5</td>
<td>24</td>
</tr>
<tr>
<td>Withstand voltage (50 Hz) [kV]</td>
<td>28</td>
<td>38</td>
<td>50</td>
</tr>
<tr>
<td>Impulse withstand voltage [kV]</td>
<td>75</td>
<td>95</td>
<td>125</td>
</tr>
<tr>
<td>Rated frequency [Hz]</td>
<td>50-60</td>
<td>50-60</td>
<td>50-60</td>
</tr>
</tbody>
</table>

| Rated normal current (40 °C) [A] | 1250 | 1250 | 1250 |
| Rated short-time withstand current [kA] | 31.5 | 31.5 | 25   |

Overall dimensions (excluding monoblocs)
- H [mm]: 1098, 1098, 1226
- L [mm]: 596/746, 596/746, 746
- P [mm]: 1061, 1061, 1338

Compatible circuit-breakers and contactors
- HD4
- VD4
- VM1
- eVM1
- Vmax
- Vmax
- V-Contact

Main components

1. Bottom and top monoblocs
2. Earthing switch (on request)
3. Shutters
4. Earthing switch operating mechanism

For more information please contact:

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