### Remote Power Panel families and technical features compared at a glance:

<table>
<thead>
<tr>
<th></th>
<th>RPP-250A</th>
<th>RPP-500A</th>
<th>RPP-750A</th>
<th>RPP-1000A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated current of the assembly (i_{na})</td>
<td>250A</td>
<td>2x250A</td>
<td>3x250A</td>
<td>4x250A</td>
</tr>
<tr>
<td>Rated operational voltage</td>
<td>240/415 VAC</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of branch circuits per system</td>
<td>128</td>
<td>128</td>
<td>192</td>
<td>256</td>
</tr>
<tr>
<td>with remote tripping indication</td>
<td>84</td>
<td>84</td>
<td>128</td>
<td>170</td>
</tr>
<tr>
<td>with overvoltage module</td>
<td>112</td>
<td>112</td>
<td>168</td>
<td>222</td>
</tr>
<tr>
<td>with MID meter</td>
<td>42</td>
<td>42</td>
<td>63</td>
<td>84</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>-5 ... +40 °C</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Storage temperature</td>
<td>-25 ... +70 °C</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CMS-700 Control Unit</td>
<td>Communication: Modbus RTU (RS485); Modbus TCP/IP; SNMP v1/2 and encrypted SNMP v3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Accuracy voltage measurement</td>
<td>±1 %</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Accuracy branch current measurement</td>
<td>±1 % full scale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Display</td>
<td>Integrated webserver (CMS-700); optional front door device/display</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

RPP operation instructions: [https://goo.gl/g7k26B](https://goo.gl/g7k26B)

RPP assembly instructions: [https://goo.gl/MWs81e](https://goo.gl/MWs81e)
## Rated and operational voltage ($U_n$) & ($U_e$)
$240/415V$

## Rated insulation voltage of a circuit ($U_i$)
$440V$

## Rated impulse withstand voltage of the assembly ($U_{imp}$)
Line/ input 8kV load/ output 4kV

## Rated frequency ($f_n$)
$50/60 Hz$

## Rated current assembly ($I_{\text{in}}$) max.
$1000A$

## Rated current of each circuit/ powerbus ($I_{\text{nC}}$) max.
$250 A$

## Number of outgoing circuits max.
$256$

## Rated current of all outgoing circuits ($I_{\text{nC}}$) max.
$32A$

## Rated peak withstand current ($I_{pk}$)
$52.5kA$ (with internal MCCB)
$max. 17kA$ (with external MCCB)

## Rated conditional short-circuit current assembly ($I_{\text{CC}}$)
$25kA$ (with internal MCCB)
$max. 10kA$ (with external MCCB)

## Rated diversity factor (RDF)
$0.8$

## Type of current
AC

## Ambient air temperature
$-5° ... +40°C$

## Storage temperature
$-25° ... +70°C$

## Pollution degree
$3$

## Material group
III

## Protection against mechanical impact
IK07 (with steel door)
IK06 (with glass door)

## Degree of protection (vertical planes)
IP55

## Degree of protection (top and bottom)
IP20B

## Earthing system
TN-S

## Assembly is intended for use by
Skilled persons

## Weight without SMISSLINE TP devices
$200kg$

## Climatic compatibility
IEC 61439-2

## Vibration
IEC 61439-2

### Dimensions

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Depth</td>
<td>350mm</td>
</tr>
<tr>
<td>Height (min. with one socket)</td>
<td>1950mm</td>
</tr>
<tr>
<td>Height of socket</td>
<td>100mm</td>
</tr>
<tr>
<td>Maximum height (max. three sockets)</td>
<td>2150mm</td>
</tr>
<tr>
<td>Width</td>
<td>1050mm</td>
</tr>
</tbody>
</table>