Model number(s): AC-[16,32,64]

Descriptive name: Bank with spark-gap switch, 12kV, 4uF caps, circular arrangement

Features:
- Copper (-ve) and aluminum buswork (grd)
- 12kV insulation rating
- Built for stand-alone applications
- Spark gaps rated to 6 Coulombs
- Easy maintenance / 360° access

Operational ratings:

<table>
<thead>
<tr>
<th>Parameter \ uF</th>
<th>16</th>
<th>32</th>
<th>64</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max Current (500us)</td>
<td>250kA</td>
<td>250kA</td>
<td>250kA*</td>
</tr>
<tr>
<td>Max Voltage</td>
<td>12kV</td>
<td>12kV</td>
<td>12kV</td>
</tr>
</tbody>
</table>

* set by sparkgap switch

Operational characteristics:

<table>
<thead>
<tr>
<th>Parameter \ uF</th>
<th>16</th>
<th>32</th>
<th>64</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inductance</td>
<td>&lt;1uF</td>
<td>&lt;1uF</td>
<td>&lt;1uF</td>
</tr>
<tr>
<td>V_switch</td>
<td>130-370V</td>
<td>130-370V</td>
<td>130-370V</td>
</tr>
</tbody>
</table>

Options:

- Enclosures (Pallet standard / Rack / Partial / Full)
- Harnessing (RG8 cabling standard / Busbars / Other)
- Switching (SGs standard / Ignitrons)
- Charging supplies (12kV -ve standard)
- Controls (Labview control system)
- Sensors (Voltage dividers / Rogowskis / Thermal / Mechanical / Optical)
Model number(s): AC-[16,32,64]
Descriptive name: Bank with spark-gap switch, 12kV, 4uF caps, circular arrangement

Notes:
1. Mounting holes are sized as a clearance fit for a 1/4-20 screw
2. For higher power operation in steady state, attach coils to suitable heat sink
3. Electrical connections to the coil are made with 1/4” lugs, soldered to coil winding
Model number(s): AC-[16,32,64]

Descriptive name: Bank with spark-gap switch, 12kV, 4uF caps, circular arrangement
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