Type 2 + 3 SPD’s have characteristics of type 2 but also type 3, they are capable of discharging the currents generated by indirect lightning strikes (T2 8/20 μs), but also they have a low residual voltage (Up), who is compatible with the withstand voltage of sensitive electronic equipment.

They are generally less powerful than a pure Type 2 SPD. Higher is the Imax, more powerful they are.

They are installed in sub-distribution boards or close to sensitive equipment.

They can be used on their own.

- Din rail mounting
- Pluggable
- Excellent technical features
- Improved safety
- Pro M compact design
- Back up protection up to 125 A Fuse or MCB

**CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Key characteristics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Protection mode</td>
</tr>
<tr>
<td>Number of protected lines</td>
</tr>
<tr>
<td>Test class</td>
</tr>
<tr>
<td>Integrated thermal disconnector</td>
</tr>
<tr>
<td>End of life indicator</td>
</tr>
<tr>
<td>Safety reserve</td>
</tr>
</tbody>
</table>

**Electrical characteristics**

- Nominal discharge current (I_n) 8/20 kA: 20
- Maximal discharge current (I_{max}) 8/20 kA: 40
- Impulse current (I_{imp}) 10/350 μs kA: -
- Maximal continuous operating voltage (U_c) V: 150
- Type of current / frequency Hz: 50 - 60
- Voltage protection level at In (U_p) (L-PE) kV: 0.9
- Voltage protection level at In (U_p) (L-N) kV: 0.7
- Voltage protection level at In (U_p) (N-PE) kV: -
- Short circuit withstand (I_{SCCR}) kA: 10
- Total current (I_{TOTAL}) kA: 40
- Follow current interrupted (I_i) kA: -
- Ground residual current (I_{res}) μA: <350
- TOV withstand (L-N : 5s / N-PE : 200 ms) U_{T} V: -
- Voltage Combination Wave U_{oc} kV: -

**Required thermal/back up protection**

- Curve B or C Circuit breaker A: <125
- gG - gl. fuse A: <125

**Mechanical characteristics**

- Dimensions H x W x D mm: 89 x 17.8 x 65.3
- Wire range : Solid wire mm² mm: 2.5 - 25
- Wire range : Stranded wire mm² mm: 2.5 - 25
- Stripping length mm: 12.5
- Packing quantities piece: 1
- Maximal altitude m: 2000
- Weight g: 110
- Response time ns: <25
- Fire resistance according to UL 94: V0

**Replacement cartridges**

- Phase / Product ID: OVR T2 40-150 C QS
- Neutral / Product ID: 2TAM200200R4200

**Product Data Sheet**

**OVR T2 40-150 P QS**

2TAM201000R4200