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.

**Characteristics**

- **Product ID:** OVR T2 40-1000 P TS QS 2TAM201000R4701
- **Imax:** 40 kA
- **Up:** 3.1 kV
- **TT/TN/CN/TNS**
- **IEC 61643-11**

**Key characteristics**

- **Protection mode:** L-L/L-N/L-PE
- **Number of protected lines:** 1
- **Test class:** B
- **Integrated thermal disconnector:** Yes
- **End of life indicator:** Yes
- **Safety reserve:** No

**Electrical characteristics**

- **Nominal discharge current (Iₙ):** 15 kA
- **Maximal discharge current (Iₘₐₓ):** 40 kA
- **Impulse current (I_imp):** -
- **Maximal continuous operating voltage (Uₑ):** 1000ac/1320dc
- **Voltage protection level at Iₙ (L-PE):** 3.1 kV
- **Voltage protection level at Iₙ (L-N):** 3.1 kV
- **Voltage protection level at Iₙ (N-PE):** -
- **Short circuit withstand (Iₘₚₚ):** 100 kA
- **Follow current interrupted (Iᵦ):** -
- **Ground residual current (Iₑ):** μA <350
- **TOV withstand (L-N : 5s / N-PE : 200 ms):** Uₑ >1300
- **Voltage Combination Wave:** Vₚₚ

**Required thermal/back up protection**

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

**Comments**

- **Mechanical characteristics**
  - **Dimensions:** H x W x D mm 95.8 x 17.8 x 65.3
  - **Wire range - Solid wire mm²:** 2 - 25
  - **Wire range - Stranded wire mm²:** 2 - 25
  - **Stripping length mm:** 12.5
  - **Packing quantities:** piece 1
  - **Maximal altitude:** m 2000
  - **Weight:** g 140
  - **Response time:** ms <25
  - **Fire resistance according to UL 94:** V0

**Replacement cartridges**

- **Phase / Product ID:** OVR T2 40-1000 C QS 2TAM200200R4700
- **Neutral / Product ID:**

**Technical features**

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