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 8/20μs), 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

---

**Type**

T2-T3

**Imax : 20 kA**

**Up : 0.9 kV**

**System TT/TNS : 230 V**

---

**CHARACTERISTICS**

- **Protection mode** L-N/N-PE/L-PE
- **Number of protected lines** 2
- **Test class** II + III
- **Integrated thermal disconnector** Yes
- **End of life indicator** Yes
- **Safety reserve** No

**Electrical characteristics**

- **Nominal discharge current** Im (8/20) kA 5
- **Maximal discharge current** Imax (8/20) kA 20
- **Impulse current** Iimp (10/350) kA 2
- **Maximal continuous operating voltage** Uc V 275
- **Type of current / frequency** Hz a.c. 47/60
- **Voltage protection level at In** Uc (L-PE) kV
- **Voltage protection level at In** Uc (L-N) kV 0.7
- **Voltage protection level at In** Uc (N-PE) kV 1.4
- **Short circuit withstand** Icska kA 100
- **Total current** Itotka kA 40
- **Follow current interrupted** Ii kA 7.01
- **Ground residual current** Ir kA 7.9
- **TOV withstand (L-N : 5s / N-PE : 200 ms) Utr V 337 / 1200
- **Voltage Combination Wave** Uoc kV 6
- **Required thermal/back up protection**
  - Curve B or L Circuit breaker A 2 125
  - gA - gl fuse A 2 125
- **Comments**

**Mechanical characteristics**

- **Dimensions** H x W x D mm 88 x 35.6 x 58
- **Wire range : Solid wire** mm² 2.5…25
- **Wire range : Stranded wire** mm² 2.5…16
- **Stripping length** mm 12.5
- **Packaging quantities** piece Per 1

**Miscellaneous characteristics**

- **Maximal altitude** m 2000
- **Weight** g 240
- **Response time** ms ≤ 25
- **Fire resistance according to UL 94** V-0
- **Replacement cartridges**
  - **Phase / Product ID** OVR T2-T3 20-275 C QS 2CTB803872R1200
  - **Neutral / Product ID** OVR T2 N 80-275 C QS 2CTB803870R0000

---

**INSTALLATION**

**DIAGRAM**

---

**Key characteristics**

- **Protection mode** L-N/N-PE/L-PE
- **Number of protected lines** 2
- **Test class** II + III
- **Integrated thermal disconnector** Yes
- **End of life indicator** Yes
- **Safety reserve** No

**Electrical characteristics**

- **Nominal discharge current** Im (8/20) kA 5
- **Maximal discharge current** Imax (8/20) kA 20
- **Impulse current** Iimp (10/350) kA 2
- **Maximal continuous operating voltage** Uc V 275
- **Type of current / frequency** Hz a.c. 47/60
- **Voltage protection level at In** Uc (L-PE) kV
- **Voltage protection level at In** Uc (L-N) kV 0.7
- **Voltage protection level at In** Uc (N-PE) kV 1.4
- **Short circuit withstand** Icska kA 100
- **Total current** Itotka kA 40
- **Follow current interrupted** Ii kA 7.01
- **Ground residual current** Ir kA 7.9
- **TOV withstand (L-N : 5s / N-PE : 200 ms) Utr V 337 / 1200
- **Voltage Combination Wave** Uoc kV 6
- **Required thermal/back up protection**
  - Curve B or L Circuit breaker A 2 125
  - gA - gl fuse A 2 125
- **Comments**

**Mechanical characteristics**

- **Dimensions** H x W x D mm 88 x 35.6 x 58
- **Wire range : Solid wire** mm² 2.5…25
- **Wire range : Stranded wire** mm² 2.5…16
- **Stripping length** mm 12.5
- **Packaging quantities** piece Per 1

**Miscellaneous characteristics**

- **Maximal altitude** m 2000
- **Weight** g 240
- **Response time** ms ≤ 25
- **Fire resistance according to UL 94** V-0
- **Replacement cartridges**
  - **Phase / Product ID** OVR T2-T3 20-275 C QS 2CTB803872R1200
  - **Neutral / Product ID** OVR T2 N 80-275 C QS 2CTB803870R0000