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
- Reserve system
- Multi-pole protection
- Very compact design
- End of life indicator
- High IP rating

**Key characteristics**
- Protection mode: L-N/L-PE/N-PE
- Number of protected lines: 3
- Test class: III
- Integrated thermal disconnector: Yes
- End of life indicator: Yes
- Safety reserve: Yes

**Electrical characteristics**
- Nominal discharge current (8/20μs) I<sub>n</sub> KA: 3
- Maximal discharge current (10/350μs) I<sub>max</sub> KA: 15
- Impulse current (10/350μs) I<sub>P</sub> KA: -
- Maximal continuous operating voltage U<sub>op</sub> V: 275
- Time of current / Frequency: Hz a.c./ 50
- Voltage protection level at In U<sub>in</sub> (L-PE) KV: 1.2
- Voltage protection level at In U<sub>in</sub> (L-N) KV: 1.1
- Voltage protection level at In U<sub>in</sub> (N-PE) KV: 1.1
- Short circuit withstand I<sub>com</sub> KA: -
- Total current (f<sub>nom</sub> = 8/20μs) I<sub>T</sub> KA: -
- Failover current interrupted f<sub>in</sub> KA: None
- Ground residual current I<sub>res</sub> I<sub>A</sub>: < 10
- TVS withstand (L-N, 5k/5k/PE: 200 ms) I<sub>TVS</sub> V: 5377-
- Voltage Combination Wave U<sub>DC</sub> KV: 10

**Required thermal back-up protection**
- Curve B or C Circuit breaker A 20

**ENVIRONMENTAL CHARACTERISTICS**
- Maximal altitude: m 2000
- Weight: g 45
- Response time: ms < 200
- Fire resistance according to UL 50: V0

**Mechanical characteristics**
- Dimensions L x W x D mm: 90 x 64.4 x 64.8
- Wire range: Solid wire mm²: 2x1.5mm² - L 17 cm
- Wire range: Stranded wire mm²: -
- Bolting length mm: -
- Packing quantities piece: Per 1

**Miscellaneous characteristics**
- IP: 32
- Operating temperature: -40°C to +80°C
- Humidity: 93%
- Torque: 3.5 Nm

**Diagram**

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**OVR T2-T3 N1 15-275s SL**

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