Type 1 + 2 SPD’s have characteristics of type 1 but also type 2, they are capable of discharging a very high lightning current (T1 10/350μs) and they have as well a low residual voltage (Up). They are installed in the main distribution switchboard but also in sub-distribution board.

Because of their power, Type 1 + 2 SPD’s can let pass through a too high residual voltage, if the announced Up is not compatible with the withstand voltage of the equipment to protect or if the cable length to the equipment is longer than 10m, another level of coordination with OVR T2-T3, OVR T3 will be needed.

Thanks to the patented Safety Reserve system, you can extend the lifespan of the installation plan maintenance to reduce downtime risk.

- Patented QuickSafe ® technology
- Safety Reserve system
- Din rail mounting
- Pluggable
- Improved safety
- Back up protection up to 160 A Fuse or 125 A Mcb

Key characteristics:
- Protection mode: L-N/L-PE/N-PE
- Number of protected lines: 4
- Test class: I
- End of life indicator: Yes
- Safety reserve: Yes

Electrical characteristics:
- Nominal discharge current: \( I_n \) (8/20) kA 20
- Maximal discharge current: \( I_{max} \) (8/20) kA 80
- Impulse current: \( I_{imp} \) (10/350) kA 12.5

Maximal continuous operating voltage:
- \( U_{DC} \) V 275
- \( U_{DC} \) a.c. 47-63 Hz

Voltage protection level at \( I_n \):
- \( U_{DC} \) (L-PE) kV 1.2
- \( U_{DC} \) (L-N) kV 1.4
- \( U_{DC} \) (N-PE) kV 1.2

Short circuit withstand:
- \( I_{SCCR} \) kA 337 / 1200

Gives residual current:
- \( I_{PE} \) kA -

Total current:
- \( I_{TOTAL} \) kA -

Over current interrupted:
- \( I_{fi} \) kA -

Ground residual current:
- \( I_{GR} \) μA -

Required thermal/back up protection:
- \( U_{OC} \) V -

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