

FUSM15/15M – FUSADEE® PREMIUM 2-pole modular SPD

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Designation

FUSADEE® PREMIUM 2-pole modular SPD 45kW without controlling device $U_p=0.8kV$.

Applications

Main applications: residential and small tertiary buildings, workshops:

The modular FUSADEE® SPD FUSM15/15M is designed to protect 2-pole electrical installations with medium or high lightning exposure.

The current intensity must not exceed 100A in a TT, IT or TN earthing systems. The FUSADEE® SPD is to be installed at the service entrance of the installation and downstream from the ground fault interrupter.

Administrations & offices/Industrial facilities:

The FUSADEE® SPD can also be used as a secondary surge protection system for switchboards remotely located from the first surge protection system at the service entrance or for the close surge protection of sensitive or fragile equipment (e.g. electronics, fire alarms, PBX systems).



Description

Zener-diode-based 2-pole SPD (type 2), delivered prewired for DIN rail:

- 2 FUSADEE® cartridges for PREMIUM FUSADEE® SPD (1 x cartridge/pole) on circuit-breaker support.
- Grounding connectors with 35mm² terminals

Technical specifications

- Overall dimensions: 105 x 65 x 70 mm (H x W x D); 3 modules
- Weight : 350g;
- Max steady-state voltage U_c : 400V ;
- Compatible earthing systems: TT, TN.
- Voltage protection level U_p : **0.8kV** ;
- Nominal discharge current I_n : 0.5kA per pole (unlimited number of shocks at I_n).
- NF EN 61643-11 compliant type 2 SPD

Product description

2-pole type 2 modular SPD, Zener-diode technology, U_c 400V, U_p 0.8kV, picosecond reactive, discharge current I_n 0.5kA, unlimited number of shocks at I_n .

Accessories and spare parts

- FUSADEE® PREMIUM cartridge R15/15, code 21203 FUSADR15/15
- FUSADEE® EXTREM cartridge R25/15, code 21204 FUSADR25/15
- FUSADEE® cartridge holder code 30203 MTAMSC15