

FUSTDY15AAL – FUSADEE® 4-pole modular SPD (type 2) with integrated disconnecter with alarm module with controlling device

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Designation

FUSADEE® modular SPD system for 4-pole power supply (230/400V) with continuity of service and remote signaling, $U_p=0.8kV$.

Applications

Tertiary buildings :

The FUSTDY15AAL SPD system is designed to protect 4-pole electrical installations with a TT or TN earthing system and a short circuit current below 6 kA at the service entrance. It can also be used as a close protection system in bigger facilities.

This SPD system is to be installed at the busbar downstream from the ground fault interrupter and upstream from the electrical installation. In a close protection system, it is to be installed downstream from the LVDP circuit-breaker.

Description

Zener-diode-based 4-pole SPD (type 2), delivered prewired for DIN rail including :

- 4 FUSADEE® cartridges for PREMIUM FUSADEE® SPD (1 x cartridge/pole)
- 1 integrated disconnecter (16A/300mA ground fault interrupter, I_{cu} 10kA)
- A controlling device with module + TEST cartridge holder
- An alarm module with visual & audio warning system and dry-contact remote control.

Technical specifications

- Overall dimensions : 22 modules.
- Weight : 3kg;
- Max steady-state voltage U_c : 400V ;
- Compatible earthing systems: TT, TN.
- Voltage protection level U_p : 0.8kV ;
- Nominal discharge current I_n : 0.25 kA (unlimited number of shocks at I_n)
- NF EN 61643-11 compliant type 2 SPD

Product description

Type 2 SPD system for 4-pole electrical installations, operating voltage 400V, voltage protection level U_p 0.8kV, Zener-diode technology, nominal discharge current I_n 0.5kA, unlimited number of shocks at I_n , integrated disconnecter with a 10kA interrupting capacity, alarm module and integrated controlling device, delivered prewired for DIN rail, overall dimensions 22 modules.

Accessories and spare parts

Replacement cartridges and holder:

- FUSADEE® PREMIUM cartridge R15/15, code 21203 FUSADR15/15
- FUSADEE® cartridge holder code 30203 MTAMSC15