



Features

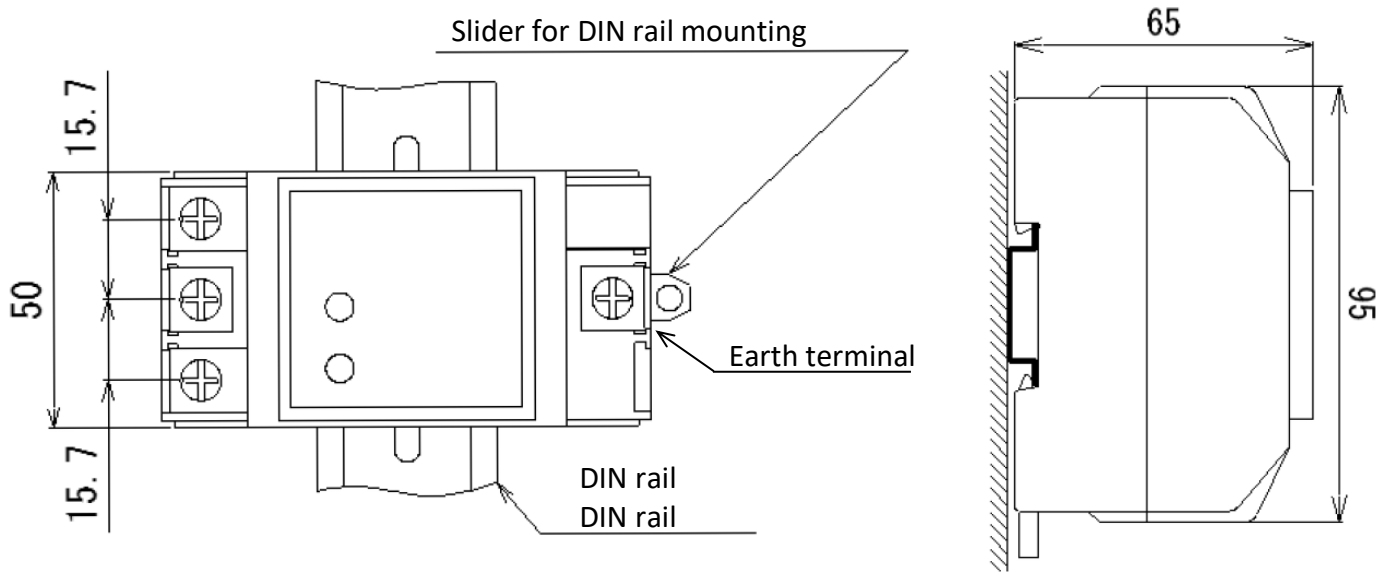
- ★SPD for Low-Voltage Power Supply
- ★Compatible with both 100V and 200V circuits
- ★Compliant with JIS C 5381-11:2014 Class 2
- ★Equipped with a degradation indication LED on the main unit
- ★Provides protection between lines and between line and ground with a single unit
- ★Compatible with DIN rail for easy panel installation
- ★Free from specified hazardous substances

Ordering code

WPD - PWR - 0

Series	Use	Suffix	Description
WPD			SPD
	PWR		For low voltage power supply
		0	Standard

Dimensions

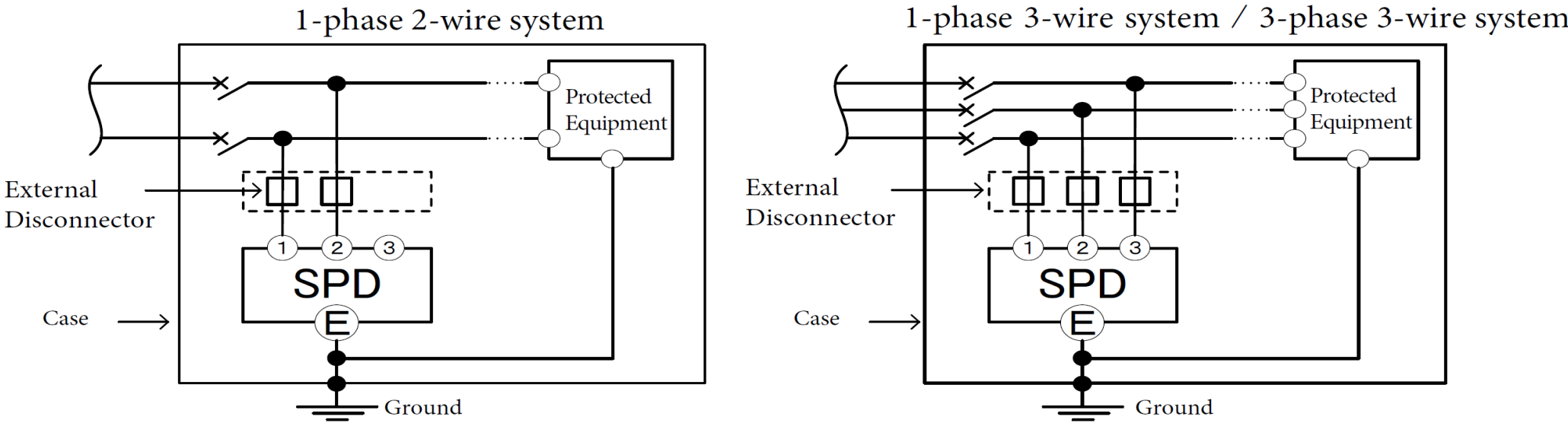


Specifications

Maximum Continuous Operating Voltage	AC130V, 250V (Single-phase 2-wire) AC110V / 220V (Single-phase 3-wire) AC250V (Three-phase 3-wire)
Nominal Discharge Current (8/20μs)	5kA × 15 times (Class II, line-to-line and line-to-ground)
Maximum Discharge Current (8/20μs)	10kA × 2 times (Class II, line-to-line and line-to-ground)
Voltage Protection Level (Up)	1300V or less (line-to-line) 1500V or less (line-to-ground)
Rated Short-Circuit Current	10kA
Leakage Current	3mA or less (line-to-line) 10μA or less (line-to-ground)
Response Time	3ns or less (line-to-line) 0.1μs or less (line-to-ground)
Operating Start Voltage	DC540V ±15%
Discharge Start Voltage	DC1000V ±20%
Operating Temperature and Humidity Range	-20 to +55°C, 90%RH or less
Mounting Method	DIN rail or wall mounting
Applicable Wire Size	5.5mm to 14mm
Recommended Tightening Torque	2.0 N·m to 2.5 N·m
External Dimensions	95(H) × 50(W) × 65(D) mm
Weight	Approx. 170g
Degree of Protection	IP20
Test Class	JIS C 5381-11:2014 Class II

Handlings

- 1) Enclose the SPD within a panel or case.
- 2) Install an external disconnector (fuse and fuse holder) specified by our company on the primary side of the SPD.(Fuse model: FDS-20kA-NB, Fuse holder model: US141)



SPD Installation Circuit Diagram

\* Specification is subject to change without notice