

SS400HW Single Phase



Features:

- 240V single phase Type 1 SPD for main & branch panels
- <1 ns Response Time
- 40,000 Amps per phase
- Failsafe and fused
- Operational status indicators
- UL 1449 3rd Edition Listed

DESCRIPTION

The SS400HW is a rugged highly reliable hardwire surge protector for residential or commercial standard 120/240V single (split) phase applications.

The SS400HW features totally solid state construction for long term reliability and quick response to surges. Two advanced, commercial grade metal oxide varistors (MOV) are the primary protective elements. These MOV's are each capable of handling 40,000 Amps of surge current. The protection components are designed to fail shorted and are fused. After a typical surge, the suppressor automatically recovers and is ready for the next surge. In a rare event of MOV failure, the fuse opens and the indicator LED extinguishes.

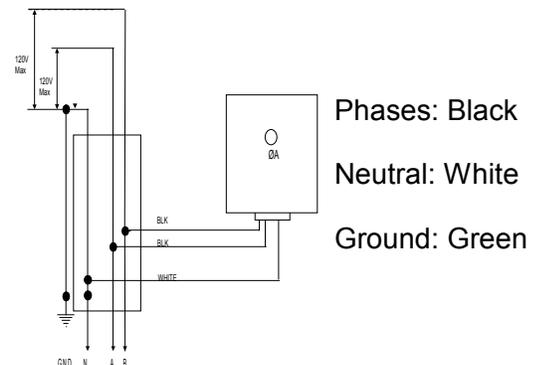
SPECIFICATIONS

Response Time	<1 nanosecond
Maximum Surge Current	40,000 Amps/phase
Initial Clamping Voltage	240 Volts Nominal
Clamp Voltage @ 3000	700 Volts Nominal
Max. Allowable Voltage (L-N)	180 Vrms 50-60 Hz
Failure Mode	Failsafe and Fused
Failure Indication	LED Indicator
Surge Life @ 10,000A	>50 Occurances
Size	3.50" x 3.25" x 3"

INSTALLATION INFORMATION

The SS400HW is listed as a Type 1 SPD to UL1449 3rd edition. To install, follow Installation Instructions included in the packaging. The SS400HW is rated for installation on electric services before the main disconnect or after the main disconnect. It is internally fused and does not need external fuses or breakers. It must be installed per National Electric Code Section 285.

The SS400HW can be installed on services rated up to 200,000 Amps fault current.



ORDERING INFORMATION

Model SS400HW