

# Surge-Trap® Type 1 SPD Single Phase - Data Sheet



**Fail-Safe**

**Cost Effective**

**TPMOV® Technology**



No Fuse Required



## Application

For **NEMA Type 2 Applications & Systems**  
STT21201PG, STT2240SPG, STT22401PG

### Essential Type 1 SPD for indoor applications.

Ferraz Shawmut's Surge-Trap® Type 1 SPD is a fail-safe and economical solution to applications that require a NEMA-style SPD. It is UL 1449 3rd edition approved and offers a wide range of voltage configurations to meet all needs in its class.

The Surge-Trap Type 1 SPD features Ferraz Shawmut's patented TMOV® technology eliminating the need for additional overcurrent protection, thus providing substantial cost savings.

## System Information

Surge-Trap Type 1 System	STT21201PG	STT2240SPG	STT22401PG
Nominal Voltage (Vac)	120	120/240	240
MCOV (Vc) L-G/N	180	180	270
Number of Poles	2	2	2
System Type	Single Phase	Split Phase	Single Phase
Nominal Discharge Current (In, kA)	20	20	20
Max. Discharge Current (Imax, 8/20, kA)	40	40	40
Short Circuit Current Rating (SCCR, kA)	200	200	200
Voltage Protection Level (VPR) L - N	700	700	1000
Voltage Protection Level (VPR) L - G	1200	-	1500
Voltage Protection Level (VPR) N - G	600	-	700
Voltage Protection Level (VPR) L - L	-	1200	-
UL Listing Type	US – Type1		
Enclosure Type	NEMA 2		

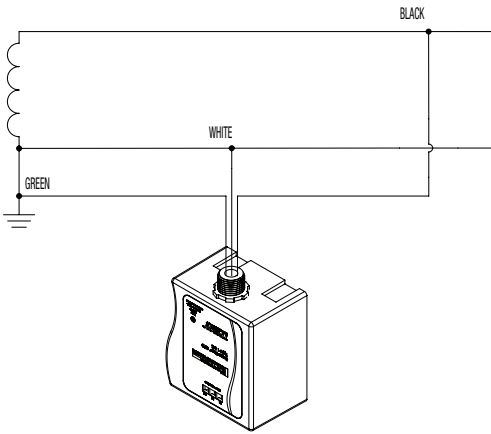
More on Reverse

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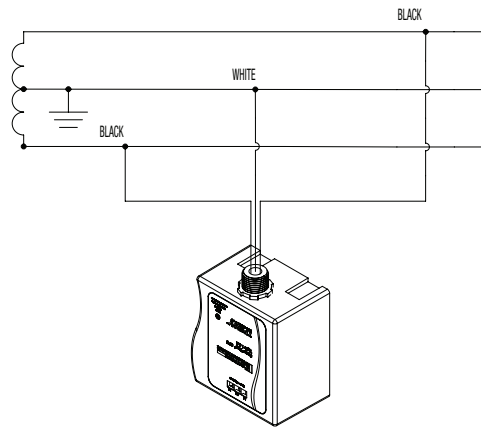
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## Wiring Diagram

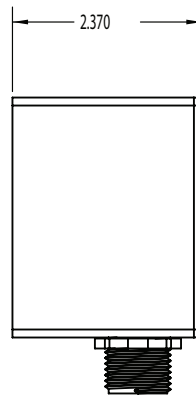
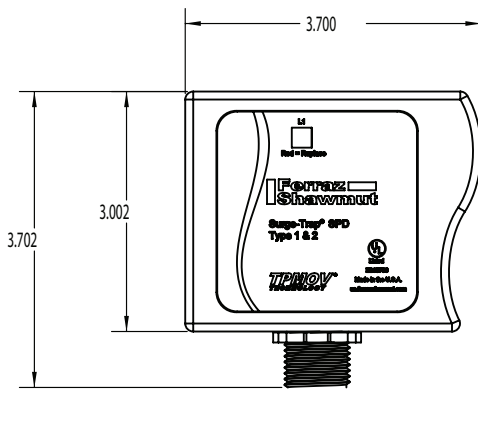
STT21201PG, STT22401PG



STT2240SPG



## Measurements



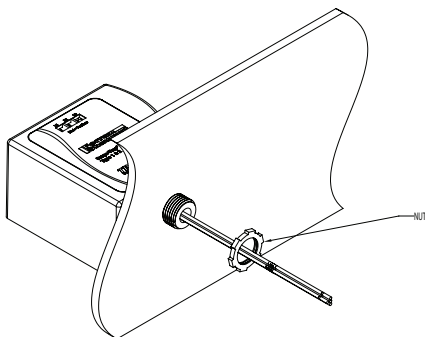
**TPMOV**  
TECHNOLOGY



For more information, visit us at:

Ferraz Shawmut | North America  
374 Merrimac Street  
Newburyport, MA 01950

## Installation



Majestic Global Limited  
Unit 1207-8 Grandtech Centre  
8 On Ping Street, Shatin  
Hong Kong  
Tel: +852 23078933  
Fax: +852 23078950  
Email: [info@mgl.com.hk](mailto:info@mgl.com.hk)  
[www.mgl.com.hk](http://www.mgl.com.hk)



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**Ferraz Shawmut**