

Signal Line Surge Protective Device

SST SERIES

Transient Voltage Surge Suppression for discrete signalling 4-20mA protocols. Units provide protection against any Transient Voltage that exceeds the nominal signalling voltage. Each line is protected against surge current impulses up to 10kA.

The SST Series is configured to work in series or parallel with the measurement/control lines being protected, diverting harmful transient energies while maintaining a tight clamp at the peak voltage. SST Signalling units protect 1 circuit consisting of 2 wires (1 pair) plus ground.

Units are designed to operate in a wide temperature range and are ideal for the protection of 4-20mA current loop transducers, and similar instrument/control applications.

Consult the factory with any special package and circuit performance requirements.

CASE CA
(Cap Style)

CASE FT
(Feed Through Style)



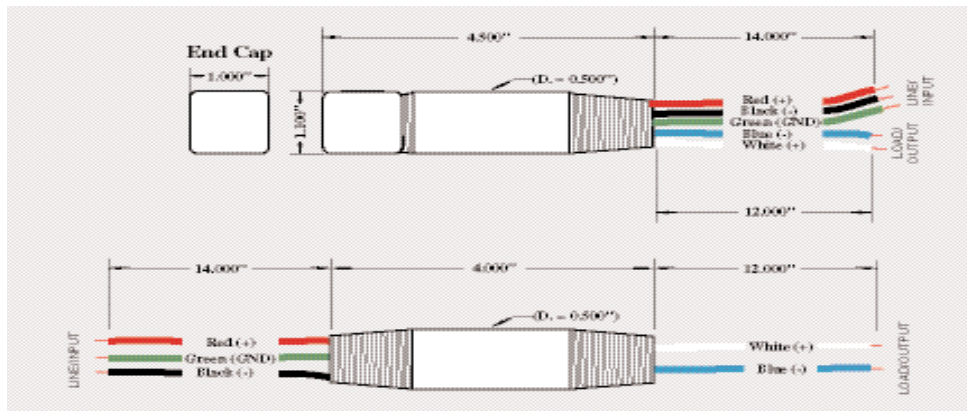
The SST Series is offered in 2 configurations: a Cap version and a Feed Through version as shown

Product Specifications

Max. Surge Current	10 kA per Wire
Max. Operating Voltage	24 or 48 VDC
Response Time	< 1 nanosecond
Series Resistance	5.1 Ohms per Wire/Line
Modes of Protection	L-L and L-G
Max. Operating Temp	-55 to +85 C
Enclosure Type	Stainless Steel 316L
Connection Method	#16 AWG Tinned Cooper Wires
Weight	1 lb.
Warranty	10 Year Warranty

Model Number	Unit Description
SST/CP-020-UCL1-WL/CA	24V Capped
SST/CP-020-UCL2-WL/CA	48V Capped
SST/CP-020-UCL1-WL/FT	24V Feed Through
SST/CP-020-UCL2-WL/FT	48V Feed Through

Installation & Dimensions



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