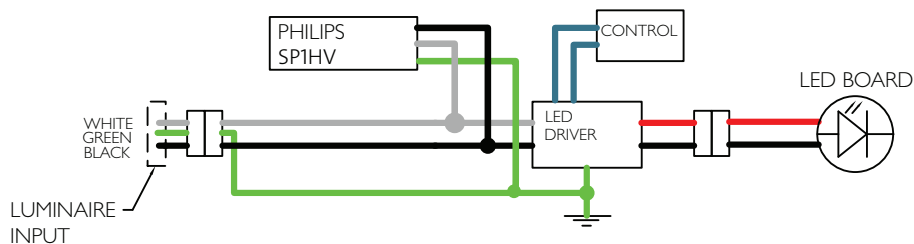


SP1HV

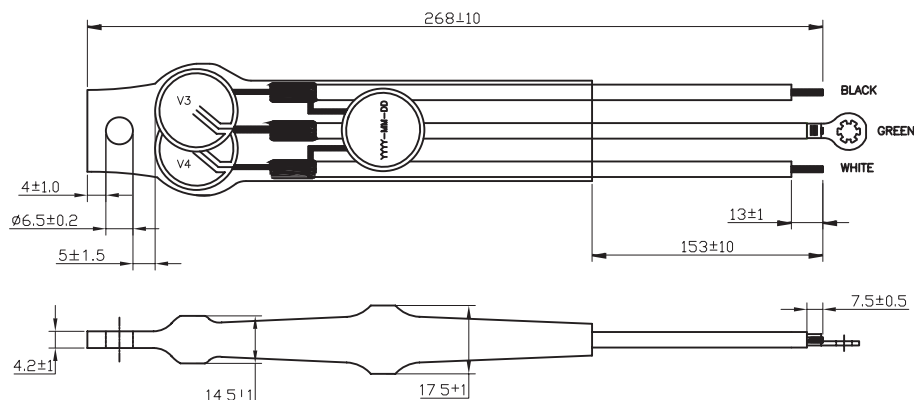
Surge Protection Device

Adapted to SSL outdoor lighting, the Philips SP1HV surge protection device provides all phases protection for line/neutral, line/ground and neutral/ground in accordance with **IEEE C62.41.2-2002 C High**. The SP1HV small size corresponds to the current design requirements for the new technology luminaires, like a LED light engine in outdoor lighting.



Voltage Input:	347V-480V (+/- 10%)
Frequency:	50Hz-60Hz
Maximum Continuous RMS Voltage AC:	520V
Maximum Clamping Voltage (8/20μs):	1500V
Maximum Energy:	570 Joules
Maximum Peak Current:	10kA (8/20μs standard wave)
Wiring:	14 Gauges stranded wires, 105°C, 600V
Wire Connections:	Black and white: 12mm skinned and thin plated Green: 12mm skinned with terminal malt
Mounting hole:	6.5mm
Weight:	0.14 lbs
Ambient Temperature (Operating):	-55°C to 85°C

In order to protect the surrounding environment, this surge protection device must be enclosed in a luminaire that can contain flames and sparks, which may occur in case of malfunction, such as overvoltage power connection (ex:600V).



UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MILLIMETER (mm)

RoHS

PHILIPS