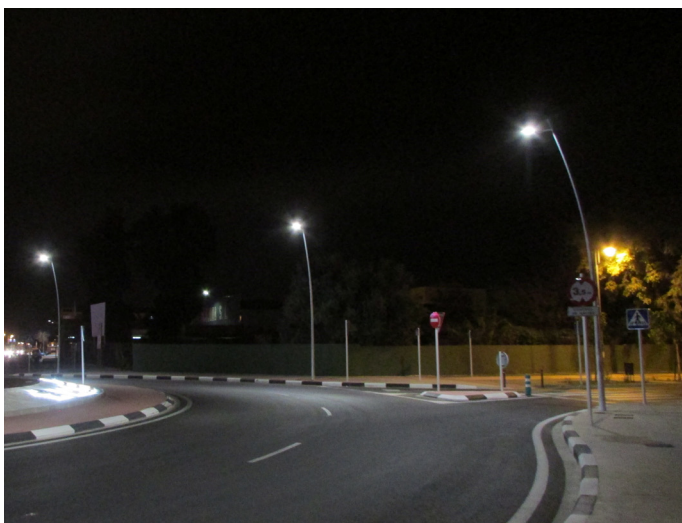


SPD10Kv is perfect to protect outdoor Street Lighting installations or industrial areas. Is the perfect partner for LED luminaries where space and economy are essentials. Easy for connect both in series and parallel installations. It's offers total protection against transistors that cause short and medium term damage, in devices of high value such as drivers or LED module.



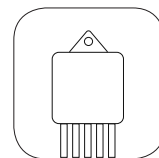
In compliance with:  
EN 61643-11 GB/T18802.1-2011

## APPLICATION

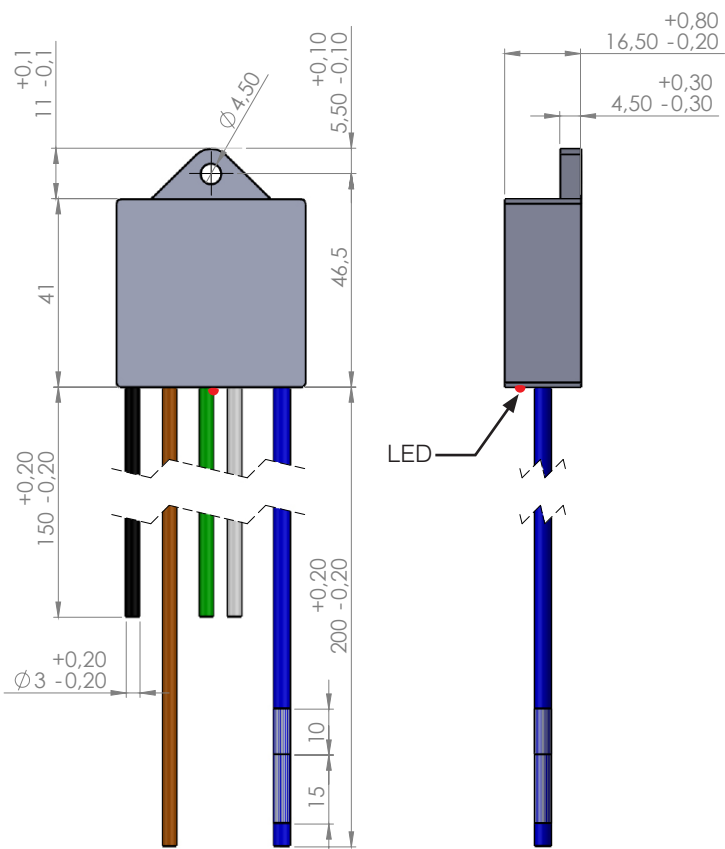


## PRODUCT DESCRIPTION

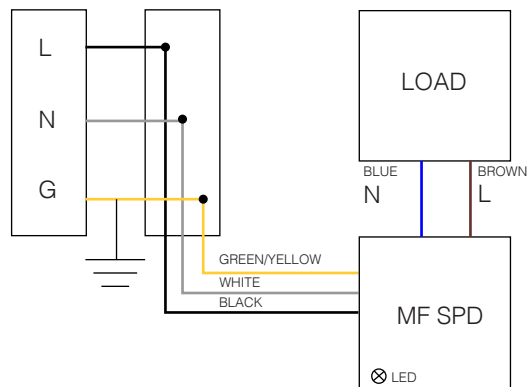
- 10KV protection
- AWG18 cable
- Nominal Voltage 100-277 VAC
- TN System - CLASS III
- For OUTDOOR application - IP67
- 50-60Hz
- Working range -35°C-50°C
- Humidity Range 5-95%
- LED Line Cut indicator



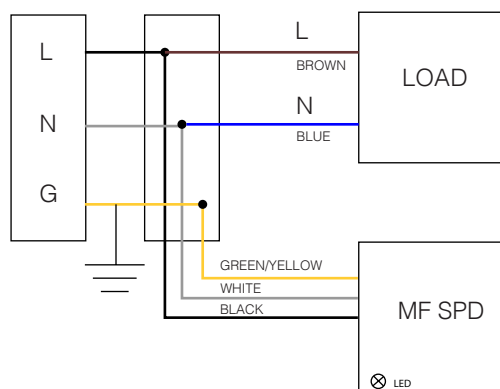
DIMENSIONS



SERIAL CONNECTION



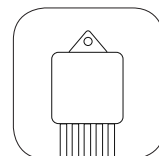
PARALLEL CONNECTION



LED (There is a LED that indicates if there is a interruption in the circuit or that the protection has acted)  
AWG18 cable type

SPECIFIC TECHNICAL DATA

CODE	CLASS	IP	V <sub>max</sub> (Vac)	CAPACITY (Kv)	OPERATING TEMP (°C)	MOQ	WEIGHT (g)
31.70.10KV.67	III	67	320	10	-5+40	100	50



## SECURITY AND INSTALLATION INFORMATION



### ELECTRICAL POWER

SPD10kV must be feed at constant and stabilized voltage. Feeding must be in accordance with the demand of the protector. This family of products has polarity and must be respected as well as the nominal voltages and currents. Otherwise the SPD10kV will be irreversibly damaged.



### ISOLATION

The minimum insulation must be respected according to final product regulations. The working voltage is 100-277Vac. The protector complies with current CE regulations.



### ASSEMBLY AND INSTALLATION

I+D LED S.L. It is not responsible for the installation. The installer must place the SPD10kV correctly and respecting the nominal electrical values as well as the connection as the case may be (series or parallel). In all cases, compression stress or surface tension on the device body must be avoided. The ideal cable to use for connection is the flexible multipolar AWG18 or 0.75mm<sup>2</sup>.



### TEMPERATURE

The life and operation of the device depends largely on the temperature. Under no circumstances should the indicated working temperature limits be exceeded ( $T_g = 50\text{ }^\circ\text{C}$ ). Ambient temperature data should be checked in the worst case to guarantee the hours of life as well as ensure guarantee. The device must be stored at a maximum temperature of  $-20^\circ\text{C} + 60^\circ\text{C}$  and a maximum humidity of 95%.