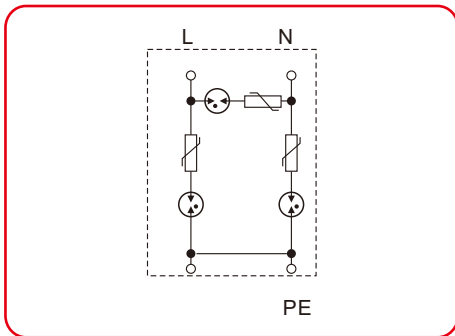


# RTALS

TM

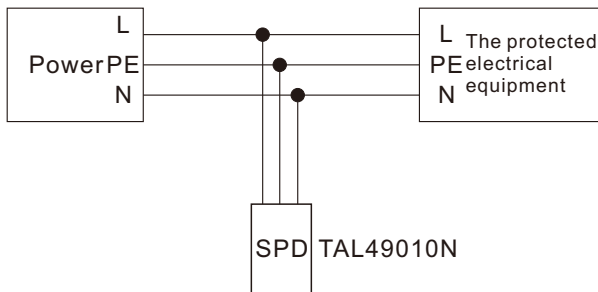
## Surge Protective Devices For LED Power Supply System



### TAL49010N

TAL49010N Basic circuit diagram

LED路灯电源防雷器：TAL49010N适用于LED路灯电源进线端，全密封外壳，防水防尘，IP67防护等级；属于三级电源防雷器。该防雷器使用共模、差模全保护，带有漏流和续流遮断(cut the overcurrent)功能。产品体积小，尺寸81×37.6×13.5mm（不包含连接线）；采用并联接线方式，且自带L、N和PE连接线，安装应用十分方便。该产品能够耐受最大20kV的电压冲击，特别适合LED路灯电源浪涌防护的配套使用。



Connection Diagram

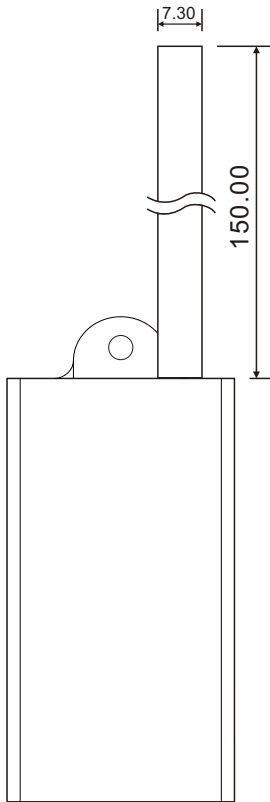
# TAL49010N

LED Street Lights Power SPD: TAL49010N designed for protecting LED Driver and could be connected perfectly with its input port, sealed enclosure, waterproof and dustproof, IP67 protection grade,belongs to Class III power SPD. This SPD use common mode, differential mode, full protection with leakage current and cut the overcurrent capabilities.

The product size small,81× 37.6× 13.5mm(Does not contain the connection line), using parallel wiring, attached with L, N and PE cable, very convenient in installing. The maximum discharge able to withstand voltage 20kV, especially good for protecting LED Street lights from lightning surge damage.

## SPECIFICATION

Type	型号		TAL49010N
Rated voltage	额定电压		380~490VAC
Max.Continuous voltage	最大持续工作电压	U <sub>c</sub>	690VAC
Nominal discharge voltage	标称冲击电压(T3)	V <sub>n</sub>	10kV
Maximum discharge voltage	最大冲击电压(T3)	V <sub>max</sub>	20kV
Voltage protection level	保护水平	U <sub>p</sub>	1.5kV
Response time	响应时间	t <sub>a</sub>	25ns
Cross-section area	接线导体截面		1.5mm <sup>2</sup> flexible ( 多股线 )
Operating temperature range	工作温度范围	T	-40°C~ +80°C
Mounting on	安装支架		Custom ( 自定义 )
Enclosure material	外壳材料		ABS765A(94V0)
Size	产品尺寸		81×37.6×13.5mm
Test standards	测试标准		UL1449 <sup>4th</sup>
Outer casing protection grade	防护等级		IP67
Weight	产品重量		60g±3



TAL49010N

TAL49010N Dimension Figure