

# TECHNICAL DATA SHEET

## SPD DRIVER

Output Rating:

Model No:



### Features:

- Compact design
- Line to Ground, Line to Neutral Protected
- Thermally Protected
- Silicon potting for IP66 protection
- Provides High Surge Protection of 10KV/20KV
- Easy to Fix in new and existing installations
- Suitable for insulation class I/I Illuminaries
- Highly Reliable
- **LED indicator for working condition**

### Applications:

- Outdoor and Commercial Lighting
- Traffic Lighting
- Digital Signage
- Street Lighting
- Flood Lighting
- Parking Lighting

## TECHNICAL SPECIFICATIONS

Technical Parameters	Specification	
	Guardia10	Guardia20
Model No	Guardia10	Guardia20
Nominal AC voltage	240VAC	
Maximum continuous operating voltage	440VAC	
Continuous load current	5Amps	
Clamping voltage - Line to Neutral	1025V	
Clamping voltage - Line to Ground	1025V	
Clamping voltage - Neutral to Ground	1025V	
Differential Surge voltage (as per IEC 61000-4-5)	10KV	20KV
Common mode Surge voltage (as per IEC 61000-4-5)	10KV	20KV
Nominal Impulse discharge current (8/20uSec) (15 Pulses)	5KA	10KA
Insulation resistance	>1000MΩ	
Operating ambient temperature range	-45 to 85°C	
Storage temperature range	-45 to 110°C	
IP Grade	IP65	
Termination for Series configuration	Yes	
Dimensions	L x W x H: 53 x 31 x 27 mm	
Input Connection	Phase: Red; Neutral: Black Earth: Green	
Output Connection	Phase: Brown; Neutral: Blue	

### Dimensional Drawing:

