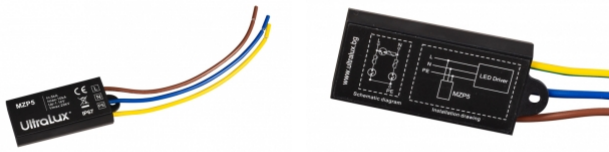


DATA SHEET

SURGE PROTECTION MODULE FOR LED LIGHTING 5KA, 277V AC, IP67

MZP5



DESCRIPTION

MZP5 (three wired) thermally protected Surge Protective Device is a self-protected device specially designed to be used in outdoor and commercial LED lighting fixtures for transient overvoltage protection. It has been developed with thermally protected varistor technology. Its built-in thermal disconnect function provides additional protection to prevent catastrophic failure and fire hazard even under extreme circumstances of varistor end-of-life or sustaining over voltage conditions. It also provides high line-to-earth/ground resistance, facilitating faster production line testing.

- Type: module, waterproof IP67
- Operating Voltage: 110-277 V AC / 50-60 Hz
- Maximum Continuous Operating Voltage: 390 V AC / 50-60 Hz
- Maximum Discharge Current: $I_{max}= 10 \text{ kA}$
- Nominal Discharge Current: $I_n=5 \text{ kA}$
- Nominal Discharge Voltage: 10kV
- Maximum Discharge Voltage: 20kV
- Voltage protection level: 1.1 kV
- Arrester Type III

APPLICATION

- Industrial lighting
- Street lighting

Basic information

- Type of protection: IP67
- Working temperature: $-20 \text{ }^\circ\text{C} \div +45 \text{ }^\circ\text{C}$
- Dimensions: 80/37/13 mm