



LED Protector

- ✚ Protect individual constant current circuits up to 350mA or up to 700mA
- ✚ Detect a problem in less than 2ms and trip to protect your LEDs
- ✚ Has a warning light to indicate a problem has been detected
- ✚ Are easily reset by simply cycling the power once the problem is corrected
- ✚ Can be installed anywhere in a constant current circuit to protect all LEDs in that circuit.

Ultra fast, resettable, series connected electronic fuse

The LED protector protects your LED lights from wiring and power failure hazards that can result from:

- Environmental hazards (e.g. flooding, exposure to corrosive environments (salt air) or humidity)
- Wiring damage (e.g. corrosion, fatigue, accidental or animal activity)
- Improper power supply (e.g. over current, power surges or dips)
- Defective workmanship and improper installation.



Protector	SLP350	SLP700
Max forward voltage	60V	60V
Max reverse voltage	60V	60V
Normal LED operating current	350mA	700mA
Over current trip threshold	<550mA	<900mA
Time to trip during fast surge	<0.5 ms	<0.5ms
Typical fault energy/3V LED during surge	<10mJ	<10mJ
Power dissipated during normal operation	<0.45W	<0.9W
Trip fault indicator	RED LED	RED LED
Max fault current once tripped (@60V)	15mA	15mA
Driver to luminaire connection	tinned wire	tinned wire
Size	25 x 25 x 15mm	25 x 25 x 15mm
IP Rating	IP64	IP64

LED Tester

- ✚ Testing for reverse connections
- ✚ Testing for short circuits
- ✚ Testing for open circuits
- ✚ Auto-off when not in use
- ✚ Powered by 3 x AAA batteries (included)

Safely test any LED installation (2-39V)

Once LEDs are installed but prior to driver connection, use the LED Tester to ensure all connections have been made correctly during installation. If a faulty connection is present, the LED tester will identify it and save the LED from failure, also saving you subsequent time and replacement costs.

It is also a great fault diagnostic tool to determine whether a non-working LED is due to a faulty driver or a faulty luminaire. This is a very useful tool for use in the workshop and in customers' homes to identify a fault and identify the correct replacement component.



SLAT301

Max LED test forward voltage	39V
Min LED test voltage	2V
Normal LED test current	5mA
Open circuit detection threshold	>39V
Short circuit detection threshold	<1.5V
On time before automatic turn off	120 seconds
LED indicator: Green Red Flash Red Flash Red-green	Test ok Short circuit (<1.5V) Open circuit (>39V) Replace battery
o/p connections (included)	crocodile clips (red/black)
IP Rating	IP20
Battery life (3x AAA batteries included)	Approx 50 hours of use