

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.



SLP350
SLP700

| Protector | SLP350 | SLP700 |
|--|----------------|----------------|
| Max forward voltage | 60VDC | 60VDC |
| Max reverse voltage | 60VDC | 60VDC |
| 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 (2-39VDC)

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

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