



ENHANCED
PROTECTION,
SIMPLIFIED
INSTALLATION
AND MAINTENANCE



SURGE
PROTECTION
DEVICES





Protection Starts Before Damage Happens

Transient overvoltages caused by lightning and switching operations can damage electrical equipment, disrupt operations, and reduce the lifespan of critical assets. Protecting electrical installations against these unpredictable surges is essential to ensure safety, reliability, and business continuity. Legrand **Surge Protective Devices (SPDs)** safely divert these surges to earth, helping protect installations, extend equipment life, and deliver reliable, uninterrupted performance.

Type 1

Protection Against Direct Lightning Energy

Installed at the **incoming supply level** to manage high-energy lightning currents entering the electrical installation.

Best suited for: High lightning risk areas

Available:

- 1P
- 1P+N
- 3P
- 3P+N

Tested with:

10/350 μ s (I_{imp})

Protection levels:

- I_{imp} up to 35 kA



Type 1 + 2

Combined Lightning and Surge Protection

Provides both lightning current discharge and surge protection in a single device, offering **comprehensive protection at the service entrance**.

Best suited for: Complete building protection

Available:

- 1P
- 1P+N
- 2P
- 3P
- 3P+N
- 4P

Tested with:

10/350 μ s + 8/20 μ s

Protection levels:

- I_{imp} up to 35 kA
- I_{max} up to 60 kA tt



Type 2

Protection Against Transient Overvoltages

Installed in **downstream distribution boards** to protect connected equipment from residual lightning effects and switching surges.

Best suited for: Sensitive electrical equipment

Available:

- 1P
- 1P+N
- 2P
- 3P
- 3P+N
- 4P

Tested with:

8/20 μ s (I_{max}/I_n)

Protection levels:

- I_{imp} up to 45 kA



PV

Protection for Solar Installations

Designed specifically to protect photovoltaic systems from surge-related damage on the **DC side**.

Best suited for: Solar PV systems

Available:

- 1040 V DC
- 1500 V DC

Tested with:

8/20 μ s (I_{max})

Protection levels:

- I_{imp} up to 40 kA



Why Choose Legrand SPD



Protects electrical systems from lightning and switching surges



Simplifies installation with an installer-friendly design



Delivers IEC 61643-11 compliant protection you can trust



Offers a complete SPD portfolio for every application



Minimises downtime with plug-in replaceable modules



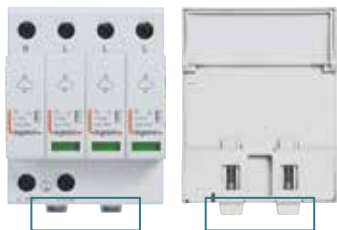
Enables proactive maintenance through remote status monitoring

Key Product Highlights



Quick Installation

Bistable DIN rail locking clips enable faster installation and removal.



Front View

Rear View



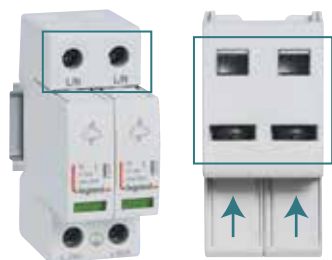
Instant Status Monitoring

Green indicator = Operational
Red indicator = Replacement required



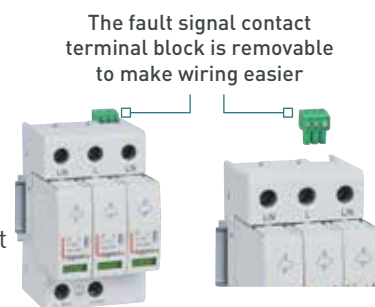
Secure Connections

Robust terminals support reliable and durable wiring connections.



Remote Status Feedback

Selected models support remote monitoring for proactive maintenance.



The fault signal contact terminal block is removable to make wiring easier



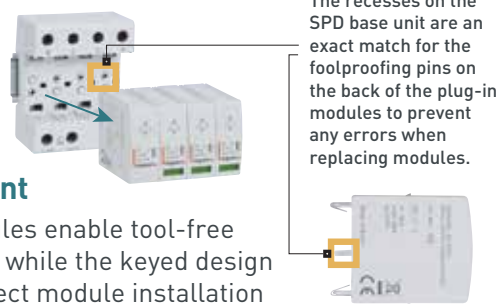
Clear Product Identification

Comprehensive markings simplify wiring, maintenance, and replacement.



Foolproof Replacement

Plug-in modules enable tool-free replacement, while the keyed design ensures correct module installation



The recesses on the SPD base unit are an exact match for the foolproofing pins on the back of the plug-in modules to prevent any errors when replacing modules.

ONE COMPLETE RANGE FOR



RESIDENTIAL



COMMERCIAL



INDUSTRIAL



SOLAR



DATA CENTER

Technical assistance from Legrand

Telephonic technical assistance for selection of products, technical information, guidance, wiring diagrams and estimation is now made available to you at each Regional Office. Contact the Technical Officer of Legrand at the following telephone numbers

New Delhi : Tel.: (011) 3990 2200
Chennai : Tel.: (044) 6612 2800
Hyderabad: Tel.: (040) 4567 1717

Kolkata : Tel.: (033) 4021 3535
Mumbai : Tel.: (022) 6230 1000

For other places, contact the nearest Regional / Branch / Area offices

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