

# SURGENCY™

Surge Protective Device

COMMERCIAL, INDUSTRIAL  
AND RESIDENTIAL SURGE  
PROTECTION



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# WHY SURGENCY?

ILSCO's Surgency™ Line is the One-Stop Shop for Surge Protective Devices:

- From Whole House Surge Suppression to Industrial Applications
  - Residential & Commercial grade SPDs
  - Available in numerous voltage ratings
  - Lightning and surge protection
- All the approvals you'll need:
  - ANSI/UL 1449 (4th Edition)
  - CSA C22.2 No. 269
- Meets the requirements of NEC Art. 285 and Lightning Protection Standards UL 96A Sec. 13 and NFPA 780 Art. 4.20
- Up to seven modes of protection
- Optional UL 1283 CSA 22.2 No. 8 Electrical Filtering and Alarm capabilities
- 50 kA or 100 kA per mode surge rating
- UL Type 1 or Type 2 models
  - All Surgency products that are Type 2 have UL 1283 electrical filtering
  - An Industry leader in let-through voltage performance
- Integrated threaded female hub for quick installation
- UL/NEMA 1, 2, 3, 3R, 3X, 4, and 4X UV stabilized Polycarbonate Enclosure for Indoor or Outdoor installations
- 200 kA Short Circuit Current Rating (SCCR)
- Nominal Discharge Current Rating of 20 kA – approved for use in UL 96A & NFPA 780 Lightning Protection Systems
- Optional flush-mount plate for mounting versatility

**SURGENCY™**  
Surge Protective Device

LED Indicator:  
● Blue = Good  
● Red = Replace

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## SERIES RE (Residential)

Protect the whole house from electrical surges with Surgency Series RE.

### Features

- Compact NEMA polycarbonate enclosure
- Blue indicator LED
- 50 kA surge current strength
- Optional UL 1283 electrical noise filter
- Five year warranty, UL 1449 Listed with advanced safety features

### Benefits

- Easily installed outdoors or indoors, non-submersible
- Easy monitoring of surge protection status
- Withstands severe lightning strikes
- Protects valuable electronics & appliances
- Product longevity in the most demanding environments



## SERIES SE (Service Entrance)

Surgency Series SE surge protection is the first line of defense against externally generated surges for commercial & industrial installations.

### Features

- Compact NEMA polycarbonate enclosure
- Surge current strength up to 100 kA
- Optional UL 1283 electrical noise filter
- Five year warranty, UL 1449 Listed with advanced safety features
- Indicator LED, blue for proper operational status, red to replace, optional audible alarm and relay contacts

### Benefits

- Mounted outdoors or indoors external or internal to any electrical panel, non-submersible
- Withstands severe lightning strikes, up to 100 kA surge current per mode provides extended service life
- Protects critical commercial & industrial equipment
- Product longevity in the most demanding environments
- Easy monitoring of surge protection status



## SERIES XE (Commercial & Industrial)

Surgency Series XE provides surge protection downstream of your commercial or industrial electrical service entrance.

### Features

- Compact NEMA polycarbonate enclosure
- Surge current strength up to 100 kA
- Optional UL 1283 electrical noise filter
- Ten year warranty, UL 1449 Listed with advanced safety features
- One blue LED per phase reporting power to the phases and one red LED indicating service required or phase loss. Optional audible alarm and relay contacts.

### Benefits

- Mounted outdoors or indoors external or internal to any electrical panel, non-submersible
- Withstands severe lightning strikes, up to 100 kA surge current per mode provides extended service life
- Protects critical commercial & industrial equipment
- Product longevity in the most demanding environments
- Easy monitoring of surge protection status



# PERMAGROUND®

ILSCO's line of grounding and bonding connectors, in conjunction with our line of surge protective devices, provide a complete solution to all your grounding, bonding, lightning and surge protection needs.

## ClearGround®

GBT



GBL-DB



TTGC



CGRC



GGA,  
GGC



AGC



BGCS

GPL3



GRC



FX



BGDB



RLT



GT



GU



More than a connector company,  
ILSCO is a connections company.  
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