



Surge Protective Device

SS320-LB25

Space Saving Meter Base
Surge Protector

Technical Documentation



ACCESSORY SOLD SEPARATELY

The SS320-LB25 represents an alternative to our industry acclaimed SS320-A low profile meter base surge protector. It is the first line of defense against incoming transient surges attempting to enter a home and is UL 1449 4th Edition listed as a "Type 1" device.

The SS320-LB25 provides maximum protection for electrical circuits and electro-mechanical appliances. It uses the latest in T-MOV technology, providing maximum protection while eliminating the risk of catastrophic failure under extended over voltage conditions.

The SS320-LB25 uses 200k IAC current limiting fuses, allowing for safe installation on residential and small commercial meter services, up to and including 320 AMP meter enclosures. The fuses are designed to handle both surge and thermal protection modes and include protective shielding and a simple dual-redundant indicator light to verify operation.

Key Specs

- **Voltage:** 240 Volt
- **Max Surge:** >60,000 Amps
- **Max Energy Absorption:** 4,000 joules
- **Low Profile:** 1.2" inches

**See Ordering Information for model number selection*

Features

- Use in up to and including 320 Amp single phase meter enclosures
- Low clamping voltage at high surge currents
- Thermally fused for safety
- Easy to install two part ground wire
- 10 year warranty

Certifications

- UL1449 4th Edition Listed Type 1
- Type 1 Rated (install anywhere)
- Certified for installation on up to and including 320 Amp meter enclosures.

General Technical Specifications

Very low profile	1.2" inches
UL listed	For up to and including 320 Amp Services
Single Phase Applications	120 / 240 Volt
Simple ON/OFF Indicator light	Dual Redundant
Plastic Safety Cover	With Insertion Guides
Response Time	Less than 1 Nanosecond
Maximum Surge Handling (single shot)	>60,000 Amps
Maximum Energy Absorption	4,000 Joules
Initial Clamp Voltage L to G	240 volts (Nominal)
Maximum Continuous Over Voltage (MCOV)	240 V
Thermal Disconnect	Yes
Maximum Fault Interrupt Rating	200,000 Amps

Caution

This device is typically installed behind utility equipment by utility or trained authorized personnel.



DANGER!

Only qualified personnel should install or service this system. Electrical safety precautions must be followed when installing or servicing this equipment.

Diagrams

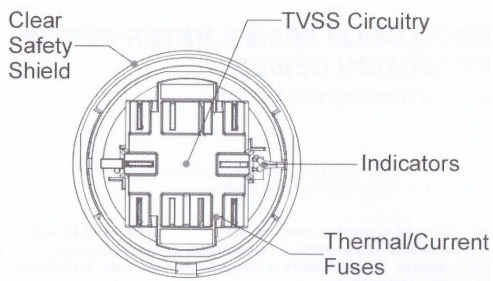
DRAWING 1

Side View of SS320-LB25



DRAWING 2

Front View of SS320-LB25



Ordering Information

MODEL

APPLICATION

MODEL	APPLICATION
SS320-LB25	200 to 320 Amp Meter Enclosures
SS320-LB25-5J	200 to 320 Amp Meter Enclosure with 5th Jaw
SS320-LB25-36G	Optional 36 inch ground lead extension
add "-QD"	Quick Drill™ ground connector option

Read and Understand

Note:

- HIGH VOLTAGE IS PRESENT AT THE METER SERVICE ENTRANCE, INSURE APPROVED PERSONAL PROTECTION AND SAFETY EQUIPMENT IS USED AT ALL TIMES.
- Properly trained and authorized Electric Service Provider, serving utility, or qualified electrician must install this device.
- WARNING: Never install a dropped or damaged meter base protector.



USA Based

Kenick
11400 47th St N Ste A
Clearwater, FL 33762
Phone: (800) 362-9997
www.KENICK.com



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Rev0 05-20