

# Exhibit No. 11

Ameren Missouri's  
Response to MPSC Data Request - MPSC  
ET-2021-0082

The Application of Union Electric Company d/b/a Ameren Missouri to provide a surge  
protection program to customers

No.: MPSC 0023

What are the specific limitations of the surge protection device (i.e. voltage)? Amanda Coffey  
(Amanda.coffey@psc.mo.gov).

**RESPONSE**

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**Title: Product Development Analyst**  
**Date: 11/09/2020**

Please see the attached specification sheet of the device.



## Surge Protective Device

# SS320-LS34

Space Saving Meter Base  
Surge Protector

## Technical Documentation



ACCESSORY SOLD SEPARATELY

The SS320-LS34 meter base surge protector is your first line of defense against incoming transient surges attempting to enter a home. It has a low profile design and can be installed on up to Class 320 (320 amp) residential and commercial single phase meter enclosures.

The SS320-LS34 provides maximum protection for electrical circuits and electromechanical appliances. It contains high energy surge protection elements that can handle surges in excess of 60,000 amps.

The SS320-LS34 is designed for safety with a thermal safety disconnect on each phase conductor and an internal shield for safe installation. A “dual-redundant” LED light source verifies that the SS320-LS34 surge protection circuit is functional.

## Key Specs

- **Voltage:** 120/240 Volts
- **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 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)	180 V
Thermal Disconnect	Yes
Maximum Fault Interrupt Rating	10kA

### 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

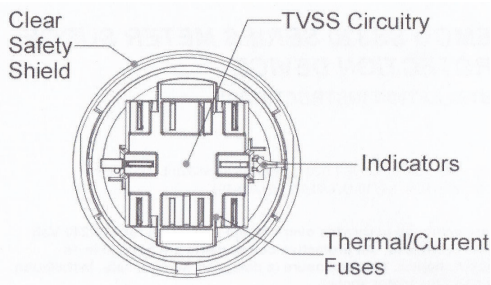
### DRAWING 1

Side View of SS320-LS34



### DRAWING 2

Front View of SS320-LS34



## Ordering Information

### MODEL

### APPLICATION

MODEL	APPLICATION
SS320-LS34	200 to 320 Amp Meter Enclosures
SS320-LS34-5J	200 to 320 Amp Meter Enclosure with 5th Jaw
SS320-LS34-36G	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

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Rev0 05-20