

# RECTORSEAL

A CSW Industrials Company

## INSTALLATION INSTRUCTIONS

### RSH<sup>TM</sup>50

Surge Protective Device (SPD) for Single-Phase  
System 120/240 VAC Type 1

  
**LISTED**  
Type 1 SPD  
5MEB  
RSH-50



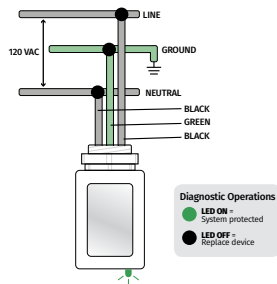
### Installation

1. To assure proper installation, measure the voltage on each phase and ensure the correct device is installed.
2. Turn off power to the circuit where surge protector is to be installed.
3. Mount device to keep conductor length as short as possible. Cut wires to length and connect to circuit per wiring diagram below avoiding sharp bends or looping.
4. Reinstall covers, restore power and confirm diagnostic LED is illuminated.

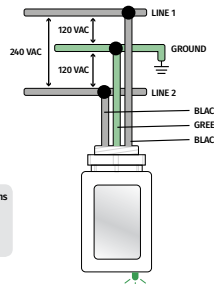
### Device Ratings

Normal Voltage Per Leg	Max. Operating Voltage (MCOV) Per Leg	Max. Discharge Current (IMAX)
120 VAC	150 VAC	50kA

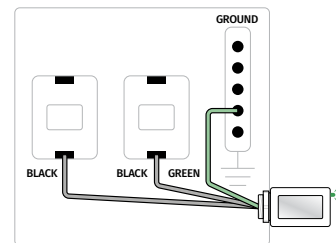
**120 VAC DIAGRAM**  
Single-Phase System: 1 Ph, 2W + G



**240 VAC DIAGRAM**  
Split-Phase System: 1 Ph, 2W + G



**240 VAC 2-POLE DISCONNECT  
DIAGRAM**



#### ALTERNATIVE WIRING METHOD:

This SPD can be also be installed by splicing into the wires of the WIP, within the disconnect box or by using a double lug adapter.

Para instrucciones en español visite [www.rectorseal.com](http://www.rectorseal.com)

**Technical Support Call 1-800-648-6802**

All surge protection devices require a good ground connection for effective operation

## Coverage for the RSH-50 Surge Protective Device (SPD) for Single-Phase System



Scan the QR code to learn more  
about this product's warranty



Completely read the instructions before installing the unit.

Installation and service must be performed by a qualified licensed service professional

Disconnect power at the circuit breaker(s) or disconnect switch(es) before installing or servicing.

This product is intended for indoor or outdoor use.

Installation and/or wiring must be in accordance with national and local electrical code (NEC) and/or Canadian Electrical Code (CEC) requirements.

Improper wiring could cause equipment damage, fire, injury, and/or death.

This unit contains no serviceable parts.



**RectorSeal, LLC • 2601 Spenwick Drive, Houston, TX 77055, USA • 800-231-3345 • Fax 800-441-0051 • [rectorseal.com](http://rectorseal.com)**

A CSW Industrials Company. RectorSeal, the logos and other trademarks are property of RectorSeal, LLC, its affiliates or its licensors and are protected by copyright, trademark and other intellectual property laws, and may not be used without permission. RectorSeal reserves the right to change specifications without prior notice. ©2025 RectorSeal. All rights reserved. R50366-0625