Model PS3000
Type 1 or Type 2 Surge Protective Device

INSTALLATION INSTRUCTIONS

IMPORTANT SAFETY INSTRUCTIONS • SAVE THESE INSTRUCTIONS

WARNING Risk of Electric Shock

- Thoroughly read instructions before installing unit.
- Installation and Service to be performed by a qualified licensed electrician.
- Intended for indoor or outdoor use.

Type 1 installation:

A typical installation of a type 1 SPD will be connected between the secondary of the service transformer and the line side of the service panel. This installation is intended to be installed without overcurrent protection to the SPD.

1. Determine location:
   - Ensure conductor lengths are as short and straight as possible for best performance. Do not coil excess wire. The SPD functions best if all bends in wires are rounded, ideally to a 4” radius. Hard 90 degree bend will reduce efficiency. Cut all leads to the correct length. Do not coil excess leads.
   - Install appropriate weatherproof fittings if the unit is to be mounted outside.

2. Ensure all mounting and connections are correct and secure. Once energized the green indicator LED will be ON and visible through the cover of the SPD.

Type 2 installation:

A typical installation of a type 2 SPD will be connected to the load side of the service panel and is intended to be installed with overcurrent protection to the SPD.

1. Determine location:
   - Ensure conductor lengths are as short and straight as possible for best performance. Do not coil excess wire. The SPD functions best if all bends in wires are rounded, ideally to a 4” radius. Hard 90 degree bend will reduce efficiency. Cut all leads to the correct length. Do not coil excess leads.
   - Install appropriate weatherproof fittings if the unit is to be mounted outside.

2. Connect the white wire from the SPD to the neutral bus bar in the panel as shown.
   - Connection may also be made to the neutral/ground bus bar if panel does not have a separate ground bus bar.

3. Connect the two black wires to a circuit breaker as shown. For best performance from SPD the maximum recommended circuit breaker size of 240V, 20A, 2-pole should be used.

4. Ensure all mounting and electrical connections are correct and securely fastened. Once energized the green indicator LED will be ON and visible through the cover of the SPD.

Maintenance:

- AC Voltage SPD:
  - Periodically check SPD to ensure green indicator LED is ON. If green LED is OFF protection has diminished and the SPD should be replaced immediately.

- All wiring must comply with all state and local electrical codes including the National Electrical Code and/or Canadian Electrical Code.
- Suitable for use on a circuit capable of delivering not more than 20,000 rms symmetrical amperes.
- This unit contains no serviceable parts.
- This product does not protect against direct lightning strikes.

IMPORTANT SAFETY INSTRUCTIONS • SAVE THESE INSTRUCTIONS
THREE YEAR LIMITED PRODUCT and CONNECTED EQUIPMENT WARRANTY for INTERMATIC SURGE PROTECTIVE DEVICES

(1) What is Covered By This Limited Warranty
(A) Replacement of Product
Intermatic Incorporated ("Intermatic") warrants to the original purchaser only, Intermatic PS3000 Surge Protective Devices (each a "Product") shall be free from defects in material or workmanship for a period of three years (36 months) from date of purchase or 39 months from date of manufacture. If the purchaser discovers a defect in material or workmanship, the purchaser must promptly submit a warranty claim. Upon a determination by Intermatic that the Product is defective, Intermatic, shall correct any defect in material or workmanship by replacing the Defective Product. Any repair, including both parts and labor, shall be at Intermatic's expense. The foregoing remedy is the purchaser's exclusive remedy for a breach of warranty.

(B) Claimant's Name, Address and Telephone Number.
(2) Intermatic Warranty Claim Number.
(D) Send the INTERMATIC SURGE PROTECTIVE DEVICE to the Intermatic Warranty Coordinator at the address listed below. All returned devices must be plainly marked with the Record the Warranty Claim Number for future reference.

In order to submit a claim for warranty service the original purchaser must:
(7) Claim Procedure
60081-9698/815-675-7000  http://www.intermatic.com

rized to make any warranty in addition to those made in this agreement. This warranty is made by: Intermatic Incorporated/After Sales Service, 7777 Winn Rd., Spring Grove, IL.

No action arising out of any claimed breach of warranty may be brought more than one year after the cause of action has occurred.

(5) Limitation of Remedies
THE FOREGOING WARRANTIES ARE IN LIEU OF ALL OTHER EXPRESSED WARRANTIES. TO THE EXTENT ALLOWED BY LAW, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED IN DURATION OF THIS LIMITED WARRANTY.

(4) Limitation of Remedies
IN NO CASE SHALL INTERMATIC BE LIABLE FOR ANY SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES BASED UPON BREACH OF WARRANTY, BREACH OF CONTRACT, NEG- LIGENCE, STRICT TORT, OR ANY OTHER LEGAL THEORY. SUCH EXCLUDED DAMAGES INCLUDE, BUT ARE NOT LIMITED TO, DAMAGE TO SOFTWARE, LOSS OF DATA, LOSS OF PROFITS, LOSS OF SAVINGS OR REVENUE, LOSS OF USE OF THE PRODUCT OR ANY ASSOCIATED EQUIPMENT, COST OF CAPITAL, COST OF ANY SUBSTITUTE EQUIPMENT, FACILITIES OR SERVICES, DOWN-TIME, THE CLAIMS OF THIRD PARTIES INCLUDING CUSTOMERS, DAMAGE TO PROPERTY AND PERSONAL INJURY. SOME STATES DO NOT ALLOW LIMITS ON WAR- RANTIES OR ON REMEDIES FOR BREACH IN CERTAIN TRANSACTIONS, IN SUCH STATES, THE LIMITS IN THIS PARAGRAPH AND IN PARAGRAPH (5) MAY NOT APPLY.

(5) Time Limit for Bringing Suit
No action arising out of any claimed breach of warranty may be brought more than one year after the cause of action has occurred.

(6) No Other Warranties
Unless modified in writing signed by both parties, this agreement is understood to be the complete and exclusive agreement between the parties, superseding all prior agree- ments, oral or written, and all other communications between the parties relating to the subject matter of this agreement. No employee of Intermatic or any other party is author- ized to make any addition in addition to those made in this agreement. This warranty is made by: Intermatic Incorporated/After Sales Service, 7777 Winn Rd., Spring Grove, IL. 60081-9698/815-675-7000  http://www.intermatic.com

(F) Send a copy of the claim report by the homeowners (renter’s) insurance company or a copy of the policy showing the deductible amount exceeds the cost of the repair.

Address all communications and products returns to:

Intermatic Warranty Coordinator
7777 Winn Road
Spring Grove, Illinois 60081-9698
Attn: Surge Claim Processor

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Product & Installation Information
Purchase date: ________________________________
Installation date: ________________________________
Installed by: ________________________________
Point of installation: ________________________________

Intermatic Incorporated, 7777 Winn Road, SPRING GROVE, ILLINOIS 60081-9698
http://www.intermatic.com

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