

# Installation Instructions ACP Hardwire Series



smiths microwave

800.882.9110 | 208.772.8515 | [www.transtector.com](http://www.transtector.com)

## Warning

1. IMPORTANT SAFETY INSTRUCTIONS
2. Read and understand all instructions.
3. SAVE THESE INSTRUCTIONS

Thank you for your recent purchase of our surge protection solution.  
Your satisfaction with our product and service is important to us.  
If you have any questions, comments or concerns, please contact us  
at 800.882.9110 or visit our website at [www.SmithsPower.com](http://www.SmithsPower.com).  
We look forward to continuing to serve your protection needs.

# Installation Instructions

## ACP Hardwire Series

1. These products are intended for use only on 15A 120Vac & 10A or 15A 240Vac circuits as specified in Section 4.
2. Warning! Disconnect power upstream from the device when wiring to avoid shock hazard.
3. Mounting the ACP Hardwire Series: See Figure 1.
4. Wiring the ACP Hardwire Series

4.1 Wiring the ACP 100BW3 & 100BWN3: Connect the source 120Vac phase wire to the terminal marked LINE. Connect the phase wire of the equipment to be protected to the terminal marked LOAD. Connect the source and equipment neutral wires to either terminal marked NEUTRAL. The provided NEUTRAL connections are internally bonded within the suppressor.

4.2 Wiring the ACP 100BW3R: Follow the directions from Section 4.1 for phase wiring. The provided relay contacts are rated for 20Vac and 1 amp. When the suppressor is functional, the COM and NC relay contact are connected under energized conditions. In the event of suppressor failure, the state of the relay will change causing the COM and NO contacts to be connected under energized conditions.

4.3 Wiring the ACP 200BW3: Connect the source 240Vac phase wire to the terminal marked LINE. Connect the phase wire of the equipment to be protected to the terminal marked LOAD. Connect the source and equipment neutral wires to either terminal marked neutral.

4.4 Wiring the ACP 200BWN3: This product is intended for international use only on 10A 240Vac circuits. See Section 4.3 for phase wiring.

### 4.5 Wiring the ACP 200BWM

4.5.1 Line to Neutral Protection using the ACP 200BWM Connect the source 240Vac phase wire to the terminal marked L1. Connect the source neutral wire to the terminal marked L2/N. The terminals marked NC are not used.

4.5.2 Line to Line Protection using the ACP 200BWM: Connect a 120Vac phase wire to the terminal marked L1. Connect a second 120Vac phase wire to the terminal marked L2/N. The terminals marked NC are not used.

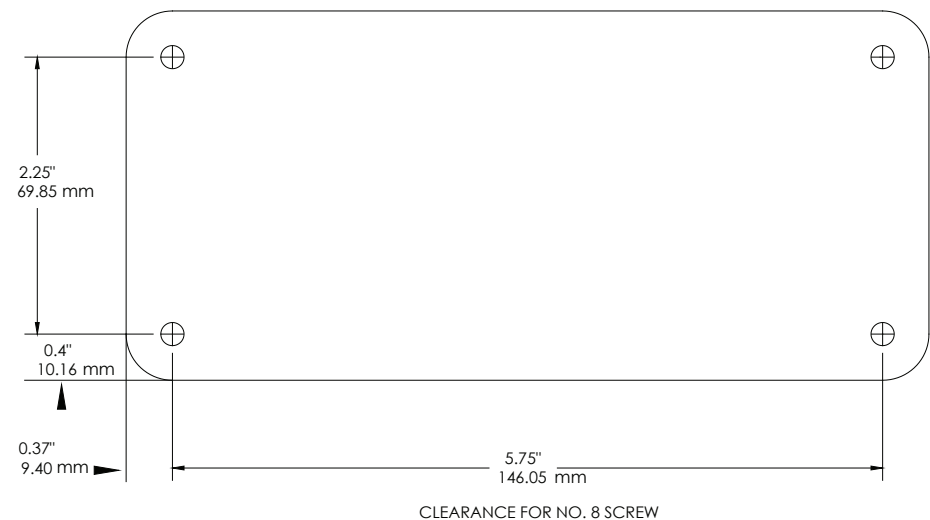


FIGURE 1  
MOUNTING DIMENSIONS ACP HARDWIRE SERIES