

# Press Release



*For your business and technology editors*

November 2002



**Print quality CMYK product photos are available on CD ROM or for download at <http://www.ssac.com/infocntr/ecsweic.htm>**  
**Photos available: Vertical and Horizontal with color background, color silhouette, black and white silhouette.**

## Window Current Sensor/Control The ECSW Series

ABB is pleased to announce a new addition to the SSAC brand of current sensors/controls, the ECSW Series.

The ECSW Series is a single phase, AC window current sensor with adjustable overcurrent and undercurrent trip points ranging from 0.5 to 50A in three ranges. If the current flowing to a load, like a pump motor, exceeds the overcurrent or the undercurrent trip points, the SPDT output relay transfers. The ECSW eliminates the need to install separate overcurrent and undercurrent controls.

The ECSW can detect overcurrent events like; locked rotor, a belt jam, a plugged hose on a dull tool, plus undercurrent events like; open heater or blown lamp, a broken belt, loss of suction, or a broken drive train.

The ECSW's built-in toroidal sensor eliminates the need for an external current transformer. Its onboard LED's aid in the adjustment of the trip points and provide fault indication. The output relay can be electrically latched after a fault, or automatically reset. Remote resetting of a latched output is accomplished by removing input voltage. The ECSW also includes switch selectable zero current detection and normally de-energized or energized output operation.

This series is available in input voltages of 12 or 24VDC, 24, 120, or 230VAC and offers an isolated SPDT relay output with contacts rated at 10A resistive at 240VAC, 1/4 hp at 125VAC, and 1/2 hp at 250VAC. It may be ordered with a fixed or adjustable trip delay of 0.15 to 50 seconds, in two ranges.

The ECSW Series is designed to surface mount with two #6 screws and has wire clamp terminal blocks for electrical connections.

The ECSW Series is UL Recognized, CSA Certified, and CE approved. It is backed by the SSAC brand 10 year product warranty. The ECSW Series is available through ABB distributors throughout the world.

For more information, contact: (888) 385-1221

**For more information please contact:**

### **Low Voltage Products & Systems**

ABB SSAC is an ISO 9001 company.

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