



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

## **Analog Output Current Sensor TCSA SERIES**

SSAC, a Central New York designer and manufacturer of solid state controls, is pleased to announce the expansion of its OEM Current Sensing Controls to include the TCSA Series.

The TCSA Series is a loop powered, linear output current transducer that provides an output that is directly proportional to the RMS AC current passing through its toroidal sensor. The TCSA provides a 4 to 20 milliamp

output over a power supply range of 10 to 30VDC. Each unit is factory calibrated for monitoring from 0 to 5, 0 to 10, 0 to 20, or 0 to 50 amps in four ranges. The 0 to 5 amp range allows the use of external current transformers so loads up to 1200 AC amps can be monitored. The 0.36" (9.1mm) wire hole can accept up to #4 AWG type THHN wire. Zero and span adjustments allow field calibration if required.

The TCSA is ideal for sensing the current draw on equipment such as motors, fans, lamps, heaters, solenoids, valves, and more. It provides the OEM equipment designer with closed loop control at a price not available before. Its compact size (2" x 2" x 1.75"), encapsulated one-piece construction, single screw mounting, 0.25" male quick connect terminals were all selected to provide the OEM design engineer with the lowest possible installed cost. The TCSA Series can be DIN Rail mounted by using the P1023 20 Rail Mount Adaptor.

The TCSA series is UL recognized, CSA certified, and CE approved. It is backed by SSAC's 10 year product warranty. The TCSA Series is available from distributors throughout the world.

For more information, please call: (888) 385-1221

### ***For more information please contact:***

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

ABB SSAC is an ISO 9001 company.

Editor: John Meluni (315) 638-1300

Technical Assistance (800) 377-7722

E-mail [info@ssac.com](mailto:info@ssac.com)

Visit the online catalog at [www.ssac.com](http://www.ssac.com)

Send leads to: P.O. Box 1000, Baldwinsville, N.Y. 13027