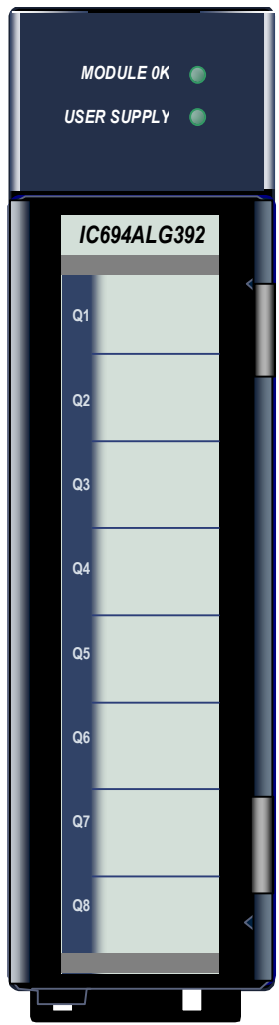# Analog Output Module, Current/Voltage, 8 Channel: IC694ALG392

The **8–Channel Analog Current/Voltage Output** module; IC694ALG392, provides up to eight single-ended output channels with current loop outputs and/or voltage outputs. Each output channel can be set up using the configuration software for any of these ranges:

- 0 to +10 volts (unipolar)
- 10 to +10 volts (bipolar)
- 0 to 20 milliamps
- 4 to 20 milliamps

Each channel is capable of converting 15 to 16 bits (depending on the range selected) of binary data to an analog output. All eight channels are updated every 12 milliseconds.

In current modes, the module reports an Open Wire fault to the CPU for each channel. The module can go to a known last state when system power is interrupted. As long as external power is applied to the module, each output will maintain its last value or reset to zero, as configured.

This module can be installed in any I/O slot of an RX3i system.

Isolated +24 VDC Power

The module must receive its 24 VDC power from an external source.

If the module is located in an RX3i Universal Backplane, the external source can be connected via the TB1 connector on the left side of the backplane or directly on the module's terminal block.

If this module is located in an Expansion Backplane, the external source must be connected to the module's terminal block.

LEDs

The **Module OK** LED indicates module status. The **User Supply** LED indicates whether the external +24 VDC power supply is present and is above the minimum level. Both LEDs are powered from the +5 VDC backplane power bus.

LED	Indicates
OK	ON: Module OK and configured
	Flashing: Module OK but not configured
	OFF: Module is defective or no +5V backplane power present
USER OK	ON: External power supply present
	OFF: No user power