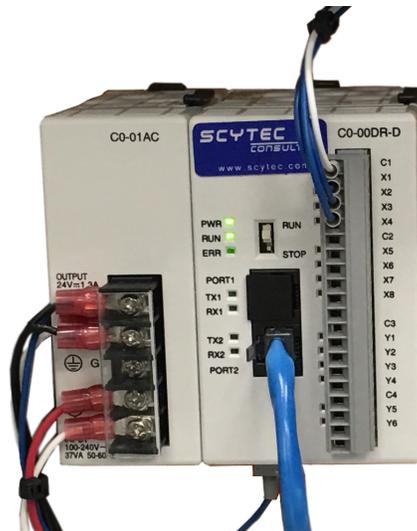


### WHAT IS A STATUS RELAY CONTROLLER (SRC)?

Status Relay Controls (otherwise called SRC) provide automatic input to DataXchange from CNC machines and other factory equipment. Refer to the technical information below, or call us for more information on this device!

#### HARDWARE BASE:

- No programming required
- Low cost device
- Limited information available
- Wired or Wireless
- 8 inputs for collecting data
- 6 outputs for data reporting
- RS232 serial interface
- Powered off 24 volts



### STATUS RELAY CONTROLLER (SRC) OVERVIEW:

For machines that are not MTConnect or FANUC FOCAS based, we offer a Status Relay Controller (SRC) hardware module. The SRC enables machine data collection using voltage or current as signals/a combination of signals. The SRC is connected to outputs from equipment such as a PLC or CNC machine, or devices such as relays or proximity sensors. Once connected, DataXchange reads the status of all the inputs and users have the ability to create their own logic with the DataXchange data collection rules.

### NETWORK CONNECTIVITY:

The SRC is typically used with a serial device server. In this case, a cable will be provided with the device that will go from the RJ12 connector labeled Port 2 on the SRC to the serial server, which then relays that information to DataXchange.

### POWERING THE SRC:

The power supply connected to the SRC is a 100 – 240v input to a 24 Volt DC power output. A power supply is included that can be used for quick connection to an 110v power outlet.

### CONNECTING EQUIPMENT TO THE SRC:

Outputs from the equipment will be wired to the inputs of the SRC. The inputs to the SRC are labeled as X1 through X8 and need to receive a positive 24 volts DC for an ON signal and 0 volts for an OFF signal.

The C1 and C2 channels need to be connected the 0 volt DC terminal on the power supply. One or multiple inputs can be used to determine the status of the equipment. The Scytec DataXchange software can be configured to use any combination of inputs.

Shop Floor Automations, Inc. **Phone:** (619) 461-4000 **Web:** www.ShopFloorAutomations.com  
 5360 Jackson Drive, Suite 202 **Toll Free:** (877) 611-5825 **Email:** sales@ShopFloorAutomations.com  
 La Mesa, CA 91942-6003 **Fax:** (619) 461-5918

