

**REED**

**REO-USA**

# Sockets Explained

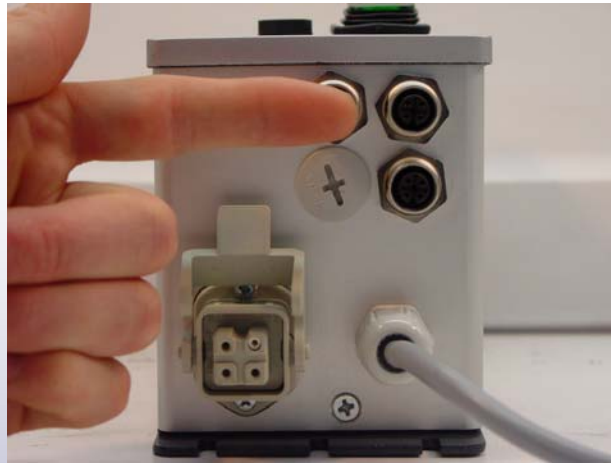


The X4 socket is used for a PNP sensor input. This socket supplies it own 24V dc to the sensor and also its own on/off delay. All the settings for this socket can be found under C007.



# Sockets Explained

Cont.



The socket, X5, above is used as a status indicator. The socket outputs 24V dc when the output is running, or if you have the sensor timeout function active. The typical use for this socket would be to communicate with a PLC for monitoring purposes.



# Sockets Explained

Cont.



Socket X6 operates as an enable socket. It has its own 24V dc supply if you want to operate with a dry set of contacts. You also have the option to input a 24V dc source of your own.



# Button Configuration



The Go and Stop buttons turn on and off the output of the controller. When the controller is turned off, the parameters you have set will not change. The only way to change the settings is to either manually change them, or reinstall factory or user parameters.



# Button Configuration

Cont.



The F and P buttons are used for scrolling through menu options. The P button is the forward stepping and the F button is used to go to the previous menu option. These buttons do not change any values.



# Button Configuration

Cont.



The Up and Down arrows are used to change the values of the menu options. They are also used to find address under the C000 menu.



# Basic Programming

In this slide show we are going to walk through the steps involved in programming a MTS 441 controller. These basic steps are common for each controller in the MTS family. We will look at just the most common feeder setting location.





# Step 1: Connecting Output

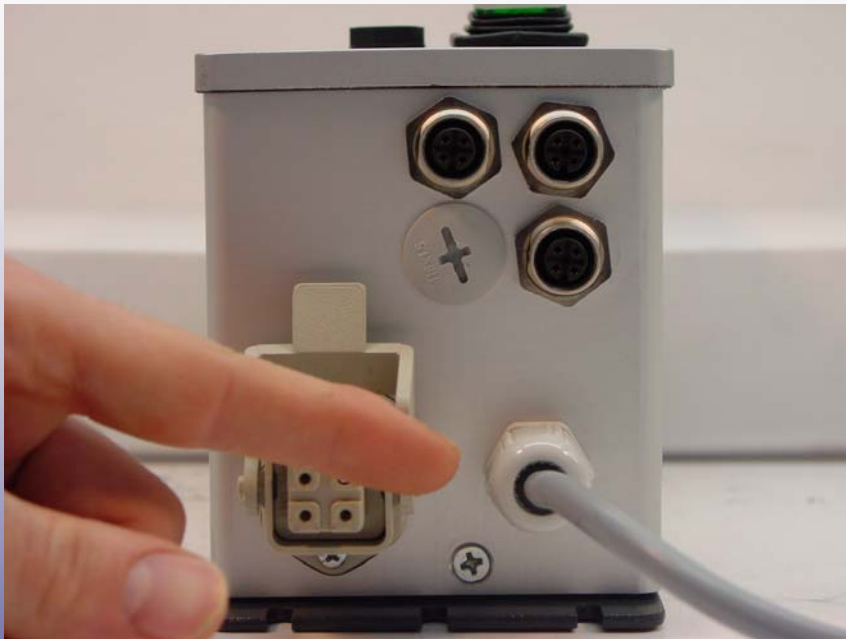


Find the four pin, male connector, that was provided with the controller. Attach the coil wires accordingly and tighten the cord grip. Put the male connector on the female, and lower support bracket over both connectors.



# Step 2: Connecting Input

Place the appropriate plug on the, unshielded, input cable. The MTS series are all dual voltage, and will recognize the voltage you input to it.



# Step 3: Power Up

Once you plug both cables in you must press the green rocker switch to turn the controller on. A green light in the switch will come on, along with, the LED display.



# Step 4: Find the C000 Screen

You must find the C000 screen to get to all the controller parameters. This is done by pushing the P button once from the default screen, the default screen is 0.0.



# Step 5: Find Main Parameters

The main feeder parameters are found under C020. From the C000 screen press the up arrow until the screen reads C020.



# Step 6: Scrolling Through Menu

Once you get to the address C020 press the P button to scroll down the menu one option at a time. To change the values you must press the up and down arrows.



- The basic programming method we just executed can be used to find all the functions in the various menus. Please refer to the controller manual to see where each function is located.
- Always feel free to give us a call:  
317-899-1395