

Flow Monitors - Flow Switches Excess Flow Valves - Flow Meters



Welcome to CTE Chem Tec Equipment.

Leading manufacturers of Flow Monitors, Flow Meters, Flow Switches, and Excess Flow Valves for 35 years.

Flow Switches (also known as Flow Monitors and Flow Sensors) give switch contact at a predetermined flow rate. Flow Meters provide varying electrical output with fluid flow. Excess Flow Valves are normally open valves that close automatically at a predetermined flow rate.

We specialize in the lower flow ranges -- i.e. 120 SCFM air, 20 GPM water, or less. Flow Switches have fixed and adjustable models. All categories have a variety of flow ranges and pipe sizes.

CTE is the only manufacturer of all Teflon® Flow Switches and Flow Meters.

Important Notice: All of our products containing reed switches are now available with digital solid state switching.

**Please check out our exciting and innovative
NEW PRODUCTS and ADD-ON's
to our existing product line.**

**INSTALLATION & MAINTENANCE MANUALS are now
available in PDF format.**

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Accessories



Top view



Side View

Catalog Page Information for Time Delay Relay Module

Key Features

Increases load-handling ability of flow monitor/switches

Features

DPDT 10 Amp Contacts
12 VDC Control Circuit
LED Status Light
Adjustable Time Delay
120 VAC Power

Applications

Contactors
Motors
Solenoid Coils
Invert Switch State
Filter Pulsating Flow Signals

Operation

With 120 VAC supplied, the flow monitor's contacts are connected to the 12VDC 10 mA control circuit provided by the relay. When the flow monitor contacts are closed for a period of time the relay contacts are then energized. This period of time can be adjusted from 50 milliseconds to 5.0 seconds. A LED light gives the status of the control circuit.

Specifications

Supply Voltage: 120VAC
Control Circuit: 12 VDC 10 mA max.
Output Contacts: Double pole double throw isolated,
rated at 10A 250 VAC resistive
Temperature Range: -40 to 185° F (-40 to 85° C)
Life Expectancy: 20 million operations with no load,
100,000 operations at maximum rating.

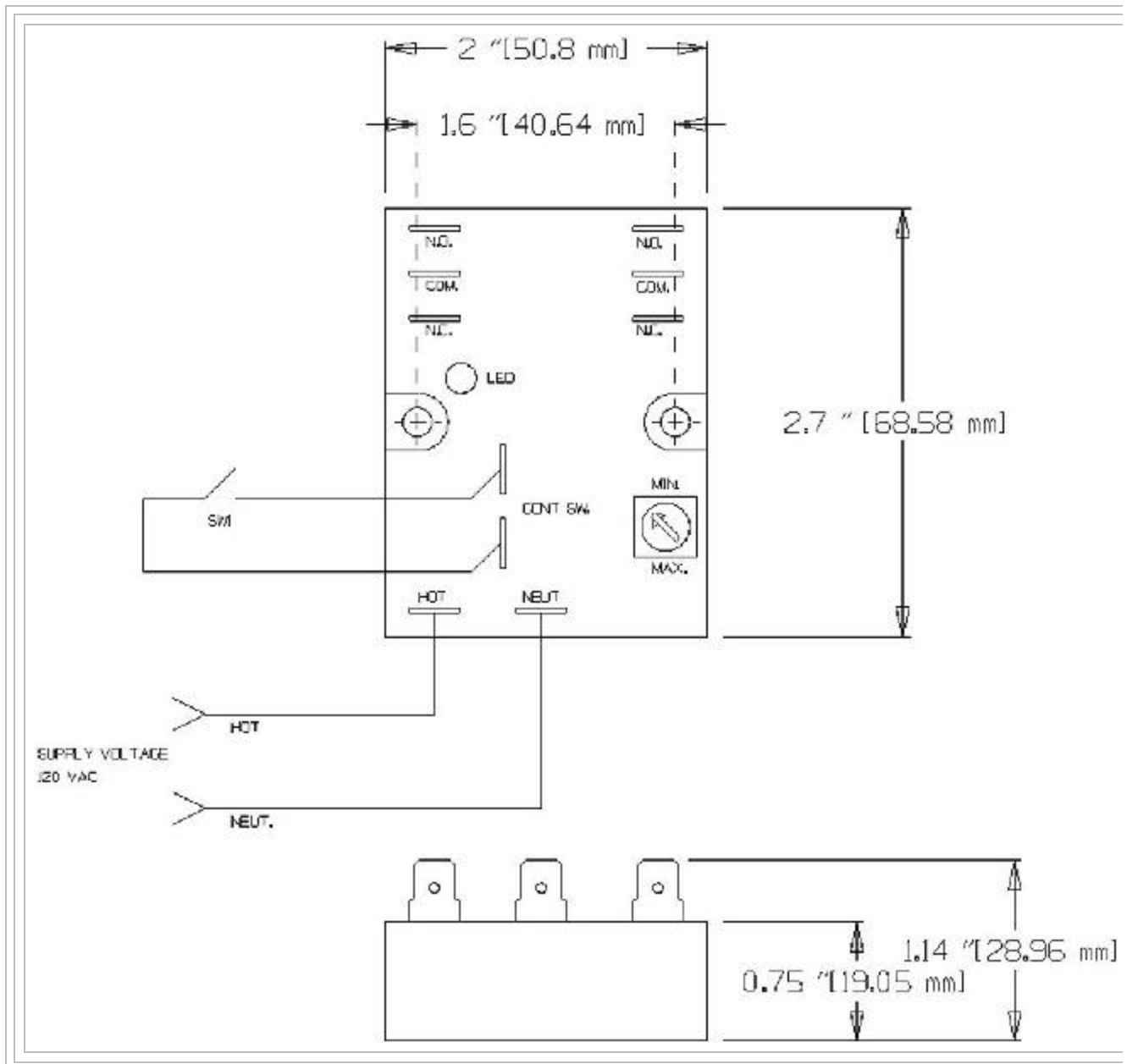
Physical Data

Mounting: Two #6 screws (.175" dia. Holes)
Terminals: .25" quick (spade) connects

How To Order

HR-1

ChemTec Equipment Company - Time Delay Relay Module



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