

Electronic Instrumentation

Models 7113 and 7113AC Remote Totalizer

Description

ACT-PAK®(Automatic Control Translator Package) is a line of electronic instruments for recording, totalizing and actuating controls based on meter throughput. The ACT-PAK instrument accepts pulses for contact closures from the metering device and provides a variety of outputs displaying a consumption,rate of flow data, process control and data transmission.

The **Model 7113** Remote Totalizer is available in three versions. The 7113 indicates total consumption on a 6-digit 0.35" LCD display. The 7113 is a standard totalizer with remote reset capabilities, if desired. This totalizers is powered with a set of "N" type alkaline batteries. Nominal battery life is 5 years with a 50% ON/ OFF duty cycle.

The **Model 7113AC** Remote Totalizer shows total consumption on a 6-digit electro-mechanical totalizer. If a front panel reset is required, specify Option H. The AC version is powered by a 117 VAC. A simple contact closure from a normally open switch on a meter (impulse contactor) or other signal source (Option B) are the only connections required. The totalizer is supplied with a wall mount bracket and is also suitable to be left free standing on a shelf or table. Two signal leads are brought out of the enclosure through a grommet for connection to the signal source.



Features

INSTALLATION

MODELS 7113: Connections are made by connecting the WHITE and BLACK wires to the wires from the switch closure or Impulse Contactor.

Connections can be made by twisting the leads together and using wire nuts. If the remote reset feature on the 7113 is desired, connect the remote reset switch to the BLUE and BLACK wires. If the remote reset is not desired, DO NOT connect the BLUE wire. Count and reset leads should never be run in conduits, wiring troughs, or cable bundles with heavy power wiring.

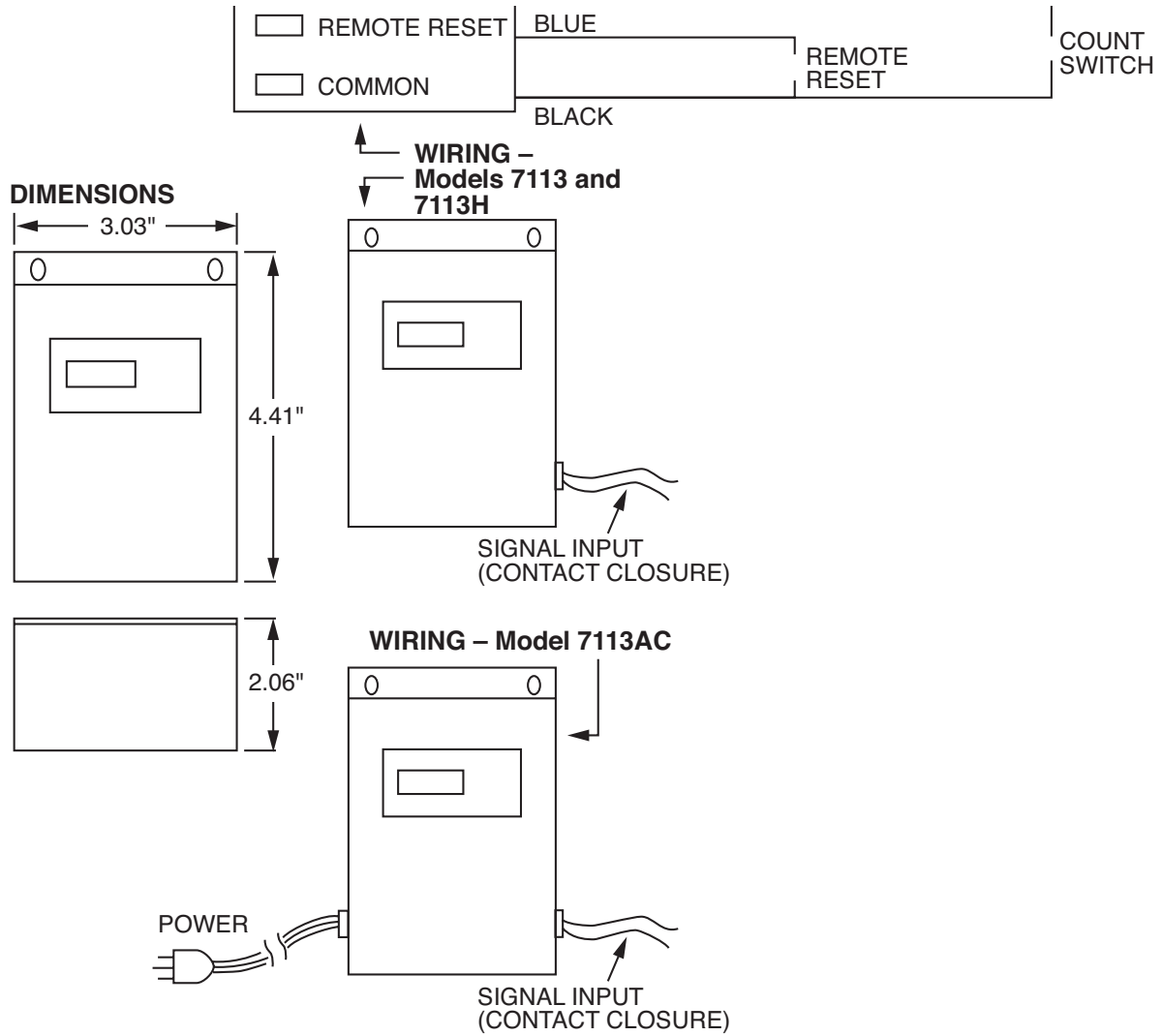
MODEL 7113AC: Connect the two wires protruding through the instrument case to the switch closure or Impulse Contactor. Connections can be made by twisting the leads together and using wire nuts. Plug the line cord into a 117 VAC receptacle.

SPECIFICATIONS

MODELS 7113	
INPUT SIGNALS	Single pole, single throw (SPST) contact closure
POWER SOURCE	2, "N" size, 1.5V Alkaline cells (supplied)
NOMINAL BATTERY LIFE	5 years (Based on continuous 24 hour counting with a 50% duty cycle and 25 resets a day). NOTE: Only alkaline cells are recommended - DO NOT USE CAR-BONZINC CELLS
COUNT INPUT AND RESET SWITCH BURDEN	14 microamps
MAXIMUM LOOP RESISTANCE	2000 ohms
OPERATING TEMPERATURE	0 to 50° C

MODEL 7113AC	
INPUT SIGNALS	Single pole, single throw (SPST) contact closure
POWER SOURCE	2117 VAC + 10%, 50/60 Hz
COUNT INPUT AND RESET SWITCH BURDEN	250 milliamperes
MAXIMUM LOOP RESISTANCE	100 ohms
OPERATING TEMPERATURE	0 - 120° F

Typical Series 7113 ACT-PAK — Wiring Connection Diagram



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