

HVM-1

High Voltage Module for 5 to 240 VAC/VDC Input Signals

Features:

- Opto-Isolation up to 2500 V
- Allows units with 3-30 VDC inputs to Accept Inputs from 5 to 240 VAC or VDC
- Screw Terminal Hookup.
- Low Cost

Operation:

Connect the high voltage and the output as shown below. When pulsing with AC, be sure that the counter being driven by the HVM-1 is set for low speed inputs (usually 40 Hz or lower). If this is not done the counter will count each peak of the AC voltage.

Description:

The HVM-1 enables products with low DC (3-30V) inputs to accept 5-240 VAC/DC input signals. The unit mounts on the counter or customer panel with the use of double sided tape. The circuitry allows various voltage pulses to be used for counting and provides opto-isolation of 2500V.

SPECIFICATIONS:

Signal Inputs:

AC - 40 Hz max. (min. pulse width 12 msec.)
 DC - 100 Hz max. (min. pulse width 5 msec.)
 5 to 48 or 48 to 240 VAC/DC

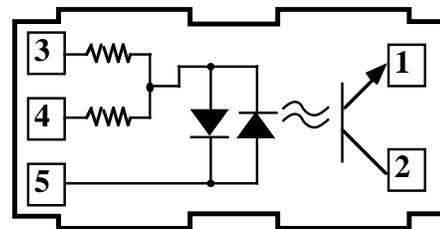
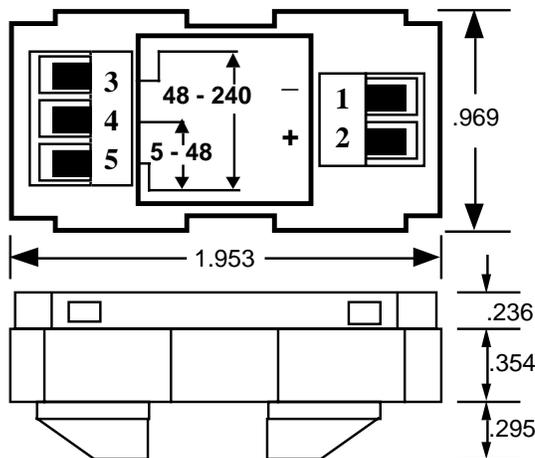
Input Impedance:

5 to 48 V - 15K ohm
 48 to 240 V - 100K ohm

Output

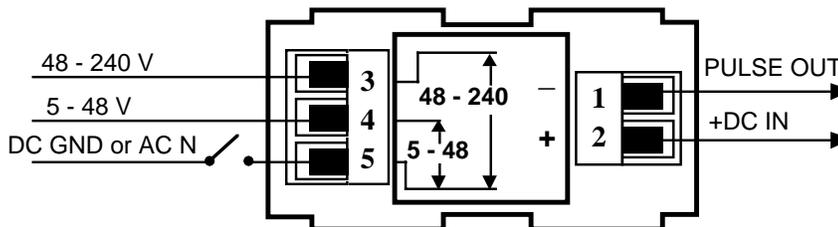
Voltage:
 Off - 24 VDC max.
 On - .7V @ 20 mA
 Current: 20 mA MAX.

INPUT CONDITIONERS



Typical Wiring:

MINITROL	KEPTROL KEPTROL R/T BATCHTROL II	INTELLECT SERIES
TERMINAL PIN #	TERMINAL PIN #	TERMINAL PIN #
5 and/or 6	3 and/or 4	4 and/or 5
7	13	7



How To Order:

Part number	Description
HVM-1	High Voltage Module