ICM CONTROLS ®

18-240 VAC/VDC, 2-Wire
Compressor Staging/
Startup Delay Timer

ICM 102
DELAY ON MAKE

HMPS00C

- **Knob adjustable from .03-10 minutes**
- **Works with anticipator thermostats**

MODE OF OPERATION

When power is applied to the input, the time delays begins. After the time delay is complete, the load energizes and remains energized as long as power is applied. The control is reset by removing power during or after the time delay period. The ICM102 provides thermostat interruption protection, even in the presence of a trickle current.

SPECIFICATIONS

Input
- *Voltage:* 18-240 VAC
- *Frequency:* 50-60 Hz

Output
- *Output Ratings:*
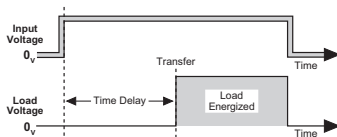 - *Maximum:* 1.5 amps
  - *Minimum:* 40 mA
  - *Inrush:* 15 amps

Time Delay
- .03-10 minutes adjustable

INSTALLATION

1. Disconnect power.
2. Connect terminals in series with the starting device as shown in the wiring diagram below.
3. For 24 VAC circuits, apply control as packaged. For 120/240 VAC circuits, cut the jumper wire.
4. Select the desired time delay.
5. Reapply power, check operation.
6. Trickle current bypass resistor T1 to T3 < 1K ohm.

TIMING DIAGRAM

WIRING DIAGRAM

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www.icmcontrols.com

7313 William Barry Blvd.
North Syracuse, NY 13212

800.365.5525
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