

- **Defrost control for systems with heat active reversing valves**

SPECIFICATIONS

Input

- **Voltage:** 18-30 VAC
- **Frequency:** 50-60 Hz
- **Power Consumption:** 1 watt maximum

Time Delays

- **Defrost:** Fixed at 10 minutes (+/- 5%)
- **Interval Between Defrost:**
 - Pin selectable (30/60/90 minutes)
- **Random Start Time:** 0-5 seconds
- **Anti-Short Cycle Time:** 3 minutes
- **Test Mode:** To enter the test mode, short test pins the table below shows the reduced time values. If the test pins are shorted (but the 30,60,90 pins are not shorted), the unit will default to the 90-minute test time. After 4 minutes, the unit reverts to normal operation.

Output

- **CC, RVS:** – **Type:** Triac
 - **Rating:** 1 amp @ 30 VAC
- **W:** – **Type:** Relay
 - **Form:** SPST, normally open
 - **Rating:** 10 amps @ 250 VAC
- **Fan:** – **Type:** Relay
 - **Form:** SPST, normally open
 - **Rating:** 20 amps @ 240 VAC

Test Mode Times

| Compressor Run Times | | Defrost Times | |
|----------------------|----------------------|---------------------|----------------------|
| Actual Interval Time | Equivalent Test Time | Actual Defrost Time | Equivalent Test Time |
| 30 minutes fixed | 7.03 seconds | 10 minutes fixed | 2.34 seconds |
| 60 minutes fixed | 14.06 seconds | 10 minutes fixed | 2.34 seconds |
| 90 minutes fixed | 21.09 seconds | 10 minutes fixed | 2.34 seconds |

WIRING DIAGRAM

