



"STAR PERFORMER"



The ATC Diversified **STAR PERFORMER** provides **short cycle protection** of **compressors** by delaying restart after a voltage or control circuit interruption. When the interruption occurs, the control relay drops out. The delay period begins when power is restored, providing random restart.

This **universal voltage** Delay-on-Make Short Cycle Timer provides the ultimate protection against short cycling of a compressor. The Star Performer offers true thermostat interruption protection even in 24 VAC control circuits.

The general conception of thermostat operation is that when the mercury tilts open, all control circuit current stops. The fact is that the cooling anticipator located inside most 24 volt thermostats does allow a small amount of current to flow (trickle current). This trickle current fools most Delay-on-Make Short Cycle Timers, as they will not reset as a result of this continuous current.

The **STAR PERFORMER** is engineered to provide true thermostat interruption protection even when the trickle current is present. The adjustable delay is ideal for providing random starting in multiple equipment installations.

NOTE: When used on 120/240 VAC control circuits, the external jumper should be cut. This disables the 24 VAC bypass circuit.

Delay-On-Make Timers

ORDERING INFORMATION

| MODEL NUMBER | DESCRIPTION |
|--------------|---------------------|
| AC-800 | Delay-On-Make Timer |

SPECIFICATIONS

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|------------------------|--|
| CONTROL VOLTAGE | 24/120, 208/240 VAC |
| OUTPUT RATING | 250 VA Inrush; 25 VA Run @ 24 VAC, or 1250 VA Inrush; 125 VA Run @ 120/240 VAC |
| TIME DELAY | 0.2 to 8 min. Adjustable |
| WEIGHT | 2.5 oz. to 3 oz. |

WIRING

