

Electromechanical Defrost Timer -

Item DTAV40M



PRODUCT DESCRIPTION

For electric heat, hot gas or compressor shutdown defrost. The DTAV40 Series Auto Voltage Defrost Timer is applicable to air defrost (compressor shutdown) and electric or hot gas defrost systems where the defrost cycle is terminated by the timer. If the coil is frost-free, the timer can also be terminated by temperature or pressure switches before the programmed defrost termination time has been reached. The time termination functions as a fail-safe and terminates the defrost cycle if the temperature or pressure switch fails to do so.

FEATURES

- ▶ Improved relay performance
- ▶ Automatically detects and adjusts input voltages (120-240 VAC)
- ▶ Moisture resistant conformal-coated board
- ▶ Time Initiated, Temperature, Pressure or Time Terminated
- ▶ Captive trippers are field adjustable to 15-minute intervals
- ▶ No tools required – snaps into alternative enclosures
- ▶ Moisture resistant conformal-coated board
- ▶ LED indicators for defrost and refrigeration cycles
- ▶ Defrost cycles are programmed independently
- ▶ Real-time clock face for quick, easy and accurate setting

APPLICATIONS

- ▶ Walk-in Refrigeration Cooler/Freezer

TECHNICAL DATA

General

Model Number	DTAV40M
UPC Code	078275127678
Brand	Domestic Intermatic
Country of Origin (Intermatic)	MEXICO
Warranty Period	1-Year limited

Control Specifications

Minimum ON/OFF Times	15 min
Maximum ON/OFF Times	23 hours, 45 min
Time Initiation	Time
Time Termination	Temperature; Pressure; Time
Backup Protection Time	None
Mechanism Type	Electromechanical
Defrost LED Indicator	Red
Has Captive Trippers	Yes
Has Real-time Clock Face	Yes
Application Compatibilities	Commercial Refrigeration; Walk-in Freezer; Walk-in Cooler
On Events	48
Off Events	48
Total Events	96

Mechanical Specifications

Mounting Options	Bracket
------------------	---------

Dimensions

Wire Size Max #8 AWG

Material Specifications

Color Green

Load Ratings

Resistive Load Ratings Ranges 40 A, 120-240 VAC

Electrical Specifications

Voltage Selection Type Auto-Voltage

Wiring Option Screw box lug terminals up to one #8 AWG wire

Input Voltage Range(s) 120/240 VAC, 60 Hz

Switch Type 1 SPDT, 1 NC SPST

Electrical Life 50,000 operations at full load

Hz 60

Packaging

Shipping Weight (lbs) 0.898

Unit Carton Dimensions (H x W x L) in 2.5 x 5.125 x 7.125 in

Environmental Specifications

Operating Humidity 0-95% RH, Non-condensing

Temperature (operation) -40 °F to 104 °F / (-40 °C to 40 °C)

Standards and Certifications

RoHS Directive 2011/65/EU.

UL Certification cULus

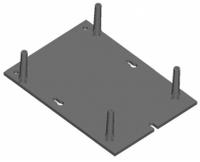
Other Certifications and Compatibilities Green Energy

UL File Number #E10694

California Proposition 65 None

RoHS Certification Y

ACCESSORIES



DT-B
Defrost Timer Bracket