Electromechanical Defrost Timer - 24-Hour Electromechanical Defrost Timer

Item DTAV40



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	DTAV40
Description	24-Hour Electromechanical Defrost Timer
UPC Code	078275125162
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

Enclosure Type	Outdoor type 3R plastic

Dimensions	
Wire Size Max	#8 AWG

Material Specifications	
Color	Gray

Load Ratings	
Resistive (NO) Range(s)	40 A, 120-240 VAC
Motor Load (NO) Range(s)	1 HP, 16 FLA, 96 LRA @ 120 VAC; 2 HP, 12 FLA, 72 LRA @ 240 VAC

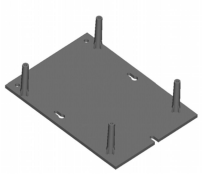
Electrical Specifications	
Voltage Selection Type	Auto-Voltage
Wiring Option	Screw box lug terminals up to one #8 AWG wire
Input Voltage Range(s)	120/240 VAC, 60 Hz
Switch Type	1 SPDT, 1 NC SPST
Electrical Life	50,000 operations at full load

Packaging	
Shipping Weight (lbs)	1.896
Unit Carton Dimensions (H x W x L) in	9.125 x 3 x 6.75 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