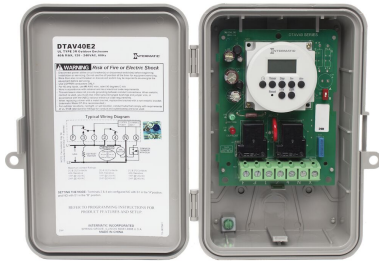


Electronic Defrost Timer - 24-Hour and/or 7-Day Electronic Defrost Timer

Item DTAV40E2



PRODUCT DESCRIPTION

The DTAV40E2 Electronic Autovoltage Defrost Timer has flexible 7-day scheduling and to-the-minute defrost duration control to increase system efficiency (decrease defrost scheduling during low demand periods). It 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 cancels the defrost cycle if the temperature or pressure switch fails to do so.

FEATURES

- ▶ 24-Hour/7-Day flexible scheduling increases system efficiency
- ▶ 40 A, 2 HP rating
- ▶ DTAV40E2 replaces over 40 competitive models
- ▶ Autovoltage automatically adjusts between 120 and 240 VAC, 50/60 Hz
- ▶ Self-recharging battery backup with 2500-hour carry-over
- ▶ Can mount in an existing enclosure – no tools required for installation
- ▶ LED indicators for defrost and refrigeration cycles
- ▶ Finger-safe box lug terminals
- ▶ Simple to program electronic timer
- ▶ Simple to program electronic timer

APPLICATIONS

- ▶ Walk-in Refrigeration Cooler/Freezer

TECHNICAL DATA

General

Model Number	DTAV40E2
Description	24-Hour and/or 7-Day Electronic Defrost Timer
UPC Code	078275142817
Brand	Domestic Intermatic
Country of Origin (Intermatic)	CHINA
Warranty Period	1-Year limited

Control Specifications

Minimum ON/OFF Times	1 min
Maximum ON/OFF Times	23 hours, 45 min
Time Initiation	Time
Backup Type	Battery
Battery Type	NiMh
Time Termination	Time; Pressure; Temperature
Backup Protection Time	2500 Hours
Battery Service Type	Rechargeable
Mechanism Type	Digital/Electrical
Defrost LED Indicator	Red; Green

Mechanical Specifications

Mounting Options	Bracket
Enclosure Type	Outdoor type 3R plastic

Has Finger-Safe Terminals Yes

Dimensions

Wire Size Max #8 AWG

Load Ratings

Motor 1 HP, 16 FLA, 96 LRA @ 120 VAC; 2 HP, 12 FLA, 72 LRA @ 240 VAC

Resistive Load Ratings Ranges 40 A, 120-240 VAC

Electrical Specifications

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

Switch Type 1 SPDT, 1 NC SPST

Electrical Life 50,000 operations at full load

Packaging

Unit Carton Dimensions (H x W x L) in 10.125 x 3.938 x 6.75 in

Environmental Specifications

Operating Humidity 0-95% RH, Non-condensing

Temperature (operation) -13 °F to 104 °F / (-25 °C to 40 °C)

Standards and Certifications

UL Certification cULus

UL File Number #E10694

California Proposition 65 None