

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

Item DTAV40E2



PRODUCT DESCRIPTION

The DTAV40E2 Electronic Auto-voltage 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
- ▶ Auto-voltage 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
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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
Time Termination	Time; Pressure; Temperature
Backup Protection Time	2500 Hours
Battery Service Type	Non-Replaceable
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
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Material Specifications

Color	Gray
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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

Shipping Weight (lbs)	1.896
Unit Carton Dimensions (H x W x L) in	9.25 x 3.25 x 6.875 in

Environmental Specifications

Operating Humidity	0-95% RH, Non-condensing
Temperature (operation)	5 °F to 131 °F / (-15 °C to 55 °C)

Standards and Certifications

UL Certification	cULus
Other Certifications and Compatibilities	Green Energy
UL File Number	#E10694
California Proposition 65	None
RoHS Certification	N/A