

Electromechanical Defrost Timer - 24-Hour Electromechanical Defrost Timer

Item DTAV40Q



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

- ▶ Adaptive Defrost upgradeable (DTAV40, DTAV40M only) (See ICUBE)
- ▶ DTAV40 Series replaces over 40 competitive models
- ▶ 40 A, 2 HP Rating
- ▶ Auto-voltage automatically adjusts between 120 and 240 VAC
- ▶ Q model features self-recharging battery backup with 72-hour carry-over
- ▶ Can mount in an existing enclosure – no tools required for installation
- ▶ 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

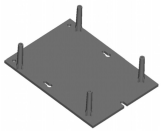
| General | |
|--------------------------------|--|
| Model Number | DTAV40Q |
| Description | 24-Hour Electromechanical Defrost Timer |
| UPC Code | 078275127685 |
| Brand | Domestic Intermatic |
| Country of Origin (Intermatic) | MEXICO |
| Warranty Period | 1-Year limited |
| Control Specifications | |
| Minimum ON/OFF Times | 15 min |
| Maximum ON/OFF Times | 23 hours, 45 min |
| Time Initiation | Time |
| ON/OFF Operations | 48 |
| Clock Drive Type | Quartz |
| Backup Restoration Time | 70 Hours |
| Backup Type | 72-hour Carry-over; Battery; Self-recharging |
| Time Termination | Temperature; Pressure; Time |
| Backup Protection Time | 72 Hours |
| Battery Service Type | Non-Replaceable |
| 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

| Mechanical Specifications | |
|--|---|
| Mounting Options | Bracket |
| Enclosure Type | Outdoor type 3R plastic |
| Dimensions | |
| Wire Size Max | #8 AWG |
| Material Specifications | |
| Color | Gray |
| 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, 50/60 Hz |
| Switch Type | 1 SPDT, 1 NC SPST |
| Electrical Life | 50,000 operations at full load |
| Hz | 50/60 |
| Packaging | |
| Shipping Weight (lbs) | 1.896 |
| Unit Carton Dimensions (H x W x L) in | 10.125 x 3.938 x 6.75 in |
| Environmental Specifications | |
| Quartz Temperature Min (°C) | -20 |
| Quartz Temperature Min (°F) | -4 |
| Quartz Temperature Max (°C) | 131 |
| Quartz Temperature Max (°C) | 55 |
| Operating Humidity | 0-95% RH, Non-condensing |
| Temperature (operation) | 0 °F to 0 °F / (0 °C to 0 °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