

Graesslin Electronic Timer Control -

Item GMXFM1D20-I-LV



PRODUCT DESCRIPTION

Universal GMXFM Electronic Series Time Controls are a low-cost alternative for applications that do not require more than 15 A. The timer is mounted in a UL Type 1 indoor.

FEATURES

- ▶ 12-24 VDC & 24 VAC.
- ▶ 24-hour or 7-day applications.
- ▶ 20 set-point programs.
- ▶ Self-recharging battery with 2500-hours back-up.
- ▶ Cycle timer function.
- ▶ Manual Override.
- ▶ Type 1 enclosure, plastic.
- ▶ 15 A load control.

APPLICATIONS

- ▶ Refrigeration Merchandiser
- ▶ Air Movement & Ventilation
- ▶ Aeration
- ▶ Septic Treatment
- ▶ Generator Exercising

TECHNICAL DATA

General

| | |
|--------------------------------|----------------|
| Model Number | GMXFM1D20-I-LV |
| UPC Code | 078275157934 |
| Brand | Intermatic |
| Country of Origin (Intermatic) | CHINA |
| Warranty Period | 1-Year limited |

Control Specifications

| | |
|--|--------------------|
| Minimum ON/OFF Times | 1 min |
| Operation Mode | 24 hour; 7 day |
| Daylight Savings Adjustment | Manual |
| Backup Type | Battery |
| Backup Protection Time | 2500 Hours |
| Battery Service Type | Non-Replaceable |
| Mechanism Type | Digital/Electrical |
| Has Manual Override Status Indication | Yes |
| Chemical Composition of the Battery Cell | Ni-MH |
| On Events | 10 |
| Off Events | 10 |
| Total Events | 20 |

Mechanical Specifications

| | |
|---------------------------|-----------------------|
| Enclosure Type | Indoor type 1 plastic |
| Has Finger-Safe Terminals | Yes |

Dimensions

| | |
|-----------------------------------|--------------------|
| Product Dimensions (H x W x D) in | 10 x 6.5 x 3.74 in |
| Wire Size Max | #10 AWG |

Load Ratings

| | |
|---|--------------------------------|
| Tungsten (NO) Load Ratings | 1000 W, 120/240 VAC |
| Magnetic Ballast (NO) Range(s) | 8 A, 277 VAC |
| Magnetic Ballast (NC) Range(s) | 8 A, 120 VAC |
| Resistive (NO) Range(s) | 15 A, 277 VAC |
| Resistive (NC) Range(s) | 15 A, 277 VAC |
| Pilot Duty (NO) Range(s) | B300 |
| General Purpose (NC) Range(s) | 15 A, 277 VAC |
| General Purpose (NO) Range(s) | 15 A, 277 VAC |
| Electronic Ballast Load Ratings NO Ranges | 4.9 A, 120 VAC |
| Tungsten (NO) Range(s) | 8 A, 277 VAC |
| Motor Load Ratings NO Ranges | 1/2 HP, 120 VAC; 1 HP, 240 VAC |

Electrical Specifications

| | |
|--------------------------------|------------------|
| Maximum Power Consumption (VA) | 4 |
| Voltage Selection Type | Voltage Specific |
| Wiring Option | Screw box lug |
| Number of Circuits | 1 |
| Switch Type | SPDT |
| Maximum Power Consumption (W) | 1.4 W |
| Amperage | 15 A |

Packaging

| | |
|---------------------------------------|---------------------------|
| Shipping Weight (lbs) | 1.587 |
| Unit Carton Dimensions (H x W x L) in | 4.125 x 6.875 x 10.125 in |

Operating Specifications

| | |
|--------------------------------|------|
| Expected Lifetime (Operations) | 6000 |
|--------------------------------|------|

Environmental Specifications

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

Standards and Certifications

| | |
|--|------------------------|
| UL Certification | cULus |
| Other Certifications and Compatibilities | Title 20; Green Energy |
| UL File Number | #E10694 |
| RU File Number | #E10694 |
| California Proposition 65 | None |
| RoHS Certification | Y |