

GRASSLIN

Defrost Controls - Commercial Refrigeration



Multi-Voltage Defrost Timer

DTMV40 Series



Features

- DTMV40 replaces over 40 competitive models
- Multi-Voltage field adjustable for 120, or 208/240VAC
- Mounts in existing enclosures, no tools required
- Box lug terminals
- Defrost times settable on quarter hour with captive trippers
- NEMA 3R outdoor enclosure
- 40 Amp, 2HP Rating
- Moisture resistant conformal coating
- LED indications for defrost and refrigeration cycles
- Compact Valox outdoor NEMA 3R enclosure
- Defrost cycles are programmed independently
- "Real-time" clock for quick, easy and accurate setting

Mfg Part No	Voltage	Mounting	Timer Type	Battery Backup Duration	Defrost Frequency (No./Day)	Defrost Duration (min)	Minimum Duration Interval (min)
DTMV40	120V, 208/240V, 60 Hz	NEMA 3R Outdoor Enclosure	Synchronous	NA	1 to 24	15-180	15
DTMV40-M	120V, 208/240V, 60 Hz	Mechanism Only	Synchronous	NA	1 to 24	15-180	15
DTMV40-B	120V, 208/240V, 60 Hz	Bracket Mount	Synchronous	NA	1 to 24	15-180	15
DTMV40-P	120V, 208/240V, 60 Hz	Panel Mount	Synchronous	NA	1 to 24	15-180	15
DTQMV40	120V, 208/240V, 60 Hz	NEMA 3R Outdoor Enclosure	Quartz	1 week	1 to 24	15-180	15
DTQMV40-M	120V, 208/240V, 60 Hz	Mechanism Only	Quartz	1 week	1 to 24	15-180	15
DTQMV40-B	120V, 208/240V, 60 Hz	Bracket Mount	Quartz	1 week	1 to 8	15-180	15
DT140 Digi 20-120	120V, 50/60 Hz	NEMA 3R Outdoor Enclosure	Electronic	1 week	1 to 8	1-180	1
DT140 Digi 20-240	208/240V, 50/60 Hz	NEMA 3R Outdoor Enclosure	Electronic	1 week	1 to 8	1-180	1

Electronic Time Controls



Digi 20 and Digi 40 Series 24-Hour and/or 7-Day



Application:

Time based control of lighting, ventilating, heating, cooling or other electrical loads in commercial and industrial applications. These one channel time switches are programmable for 24-hour or 7-day schedules. The Digi 42 offers an "8th day" or holiday schedule. The Digi 20A or Digi 42A are intended for either surface or DIN rail mounting. Both models are completely enclosed in a plastic housing and include a terminal cover and sub-base for installation and hard wiring. The Digi 20E or Digi 42E are intended for flush mounting. Both models are supplied with a clear plastic snap-on dust cover.

Features

- 24 hour or 7 day programming with accuracy to the second
- Easy programming; minimal keys and programming steps
- Unique "Circular Programming" with large keys is easier to use
- Selectable blocks of weekdays or weekends for quick programming on Digi 20. any combination of days on Digi 42
- Holiday program on Digi 42 may be scheduled a week in advance for one or more days
- Rechargeable battery backup with 1-4 weeks reserve carry-over
- Manual override provides for either temporary or continuous ON or OFF state, with status displayed in large LCD
- Digi 42 models have automatic Daylight Saving Time changeover
- 24V models will operate either on AC or DC

Mfg Part No	Voltage	Mounting	Setpoint Programs	Maximum Weekly On/Off Events	Relay Output Resistive Rating
Digi20A-120	120 VAC, 50/60 Hz	Surface or DIN Rail	20	140	SPDT, 16A, 250V
Digi20A-24	24 VAC, 50/60 Hz	Surface or DIN Rail	20	140	SPDT, 16A, 250V
Digi20A-240	208-240 VAC, 50/60 Hz	Surface or DIN Rail	20	140	SPDT, 16A, 250V
Digi20A-277	277 VAC, 50/60 Hz	Surface or DIN Rail	20	140	SPDT, 16A, 250V
Digi20E-120	120 VAC, 50/60 Hz	Flush Panel	20	140	SPDT, 16A, 250V
Digi20E-24	24 VAC, 50/60 Hz	Flush Panel	20	140	SPDT, 16A, 250V
Digi20E-240	208-240 VAC, 50/60 Hz	Flush Panel	20	140	SPDT, 16A, 250V
Digi20E-277	277 VAC, 50/60 Hz	Flush Panel	20	140	SPDT, 16A, 250V
Digi42A-120	120 VAC, 50/60 Hz	Surface or DIN Rail	42	294	SPDT, 16A, 250V
Digi42A-24	24 VAC, 50/60 Hz	Surface or DIN Rail	42	294	SPDT, 16A, 250V
Digi42A-240	208-240 VAC, 50/60 Hz	Surface or DIN Rail	42	294	SPDT, 16A, 250V
Digi42E-120	120 VAC, 50/60 Hz	Flush Panel	42	294	SPDT, 16A, 250V
Digi42E-24	24 VAC, 50/60 Hz	Flush Panel	42	294	SPDT, 16A, 250V
Digi42E-240	208-240 VAC, 50/60 Hz	Flush Panel	42	294	SPDT, 16A, 250V

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Electronic Time Controls

Digi 42/2 Series 24-Hour and/or 7-Day



Application:

This unit can be used to control 240VAC two-phase loads such as pumps, compressors, etc. It can also be used to provide time based control of two circuit lighting, ventilating, heating, cooling or other electrical loads in commercial and industrial applications. The Digi 42/2 time switches are programmable for 24-hour or 7-day schedules as well as an "8th day" or holiday schedule. Each channel can operate independently or combined.

Features

- 24 hour or 7 day programming with resolution to the minute and accuracy to the second
- Large keys ease programming
- Unique circular programming pattern and minimal steps simplify programming
- Automatic Daylight Saving Time changeover in Spring and Fall eliminates need to manually change the time
- Holiday, or "8th day" program may be scheduled a week in advance for one or more days
- Each channel may be programmed separately, or both together
- Automatically recharged NiCad battery maintains program and display for two weeks or more
- Manual override for each channel provides for either temporary or continuous ON or OFF state, with status displayed in large LCD

Mfg Part No	Voltage	Mounting	Setpoint Programs	Maximum Weekly On/Off Events	Relay Output Resistive Rating
Digi42/2-120	120 VAC, 50/60 Hz	Flush or Surface	42	294	(2) SPDT, 16A, 250V
Digi42/2-24	24 VAC, 50/60 Hz	Flush or Surface	42	294	(2) SPDT, 16A, 250V
Digi42/2-240	240 VAC, 50/60 Hz	Flush or Surface	42	294	(2) SPDT, 16A, 250V

Accessories

Enclosures

Plastic Outdoor Enclosure E200



Plastic NEMA 3R rain tight enclosure with hinged door and latch. Provisions for mounting ANY Intermatic time control. Five combination 1/2"- 3/4" knockouts: In bottom, sides and back.

Mfg Part No	Exterior Dimensions (in)			Description
	Width	Length	Depth	
E200	6.5	10	3.75	Dark grey plastic finish
E200	4.75	7.75	3	Dark grey plastic finish

Compact Plastic Outdoor Enclosure E300



Plastic NEMA 3R rain tight enclosure with hinged door and latch. Provisions for mounting Intermatic timer modules. Five combination 1/2"-3/4" knockouts: In bottom, sides and back.

Mfg Part No	Exterior Dimensions (in)			Description
	Width	Length	Depth	
E300	6.631	8.795	2.935	Dark grey plastic finish

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