

ELECTRONIC TIME CONTROLS, 2 CHANNEL

10

TIMERS & FLASHERS



File #E83486

Digi 42/2 24 Hour, 7 Day

**C.E.C. CERTIFIED
TITLE 24, PART 6**
ON ALL MODELS MARKED
WITH "†"

- Two channel or double pole switching
- Automatic daylight time changeover
- 8th day HOLIDAY program
- 16A, SPDT switching

⊛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 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.

SPECIFIERS GUIDE

Furnish and install a Grasslin Digi 42/2 electronic time switch. This two channel control shall have 24 hour and 7 day programming and also offer 21 ON and 21 OFF setpoint programs and allow selection of any combination of days for different weekday schedules. The LCD shall display time of day in AM/PM or military time format and provide load status indication. Selectable automatic or manual daylight time changeover shall be provided. In automatic mode, the time switch shall automatically advance the time by 1 hour at 2AM on the first Sunday of April, and set back the time 1 hour at 2AM on the last Sunday of October. The time switch shall be programmable to the minute and also offer a manual override for ON or OFF to the next scheduled event or for permanent ON/OFF/Auto. A 8th day or "Holiday" program shall be provided which may be activated to begin on a specific day up to a week in advance, and continue from 1 to 99 days, selectable by the user. The SPDT relay outputs will be rated for 16A General Purpose, 1HP at 240V, and 16A General Purpose, 1/2HP at 120V as well as pilot duty of 720VA. Reserve shall be provided for a minimum of 14 days with a built-in rechargeable battery which need not be replaced. The time switch shall be surface or flush panel mountable with a DIN rail mounting base optional, or shall be available with a NEMA 1 indoor or NEMA 3R outdoor enclosure.

SPECIFICATIONS

Output Switches: Two SPDT relays with dry contacts
 Switch Capacity: 16A General Purpose, 125-250VAC
 1000W Tungsten, 250V
 500W Tungsten, 125V
 N.O. Contact: 1HP, 240VAC; 1/2HP, 120VAC
 Pilot Duty: 720VA, 120-240VAC
 N.C. Contact: 3/4HP, 240VAC; 1/3HP, 120VAC
 Pilot Duty: 360VA, 120-240VAC
 Input Power: 4.4VA
 Shortest Switching Time: 1 minute
 Accuracy: Less than ±4 minutes per year deviation
 Ambient Temperature: 0°F to 140°F (-18°C to 60°C)
 Ambient Humidity: 0 to 95% RH, non-condensing
 Selectable AM/PM or 24 hr. (military) time display
 Selectable completely automatic or one key manual daylight time changeover
 Manual 3-Way Override: Temporary or permanent ON or OFF; status indication in LCD display
 Wiring Connections: Screw terminals #12 to #24AWG
 Size: 2.83" x 2.83" square face, x 2.28" deep
 UL and Canadian UL Recognized: File E83486

ORDERING DATA

Model Code	Timer Voltage	Mounting*	Setpoint Programs	Maximum Weekly On/Off Events	Relay Output General Purpose Rating
Digi 42/2 - 120†	120V, 50/60Hz	Flush or Surface	42	294	(2) SPDT, 16A, 250VAC
Digi 42/2 - 240†	240V, 50/60Hz	Flush or Surface	42	294	(2) SPDT, 16A, 250VAC
Digi 42/2 - 24†	24V, 50/60Hz	Flush or Surface	42	294	(2) SPDT, 16A, 250VAC

*For DIN rail mounting, order: MB-DIN Rail Mounting Base