



FM/1 digi 20 24 Hour and/or 7 Day FM1digi20- 24



FEATURES

- 20 programs, up to 140 events per week
- Easy to program with large keys
- 16 Amp @ 277V SPDT switching
- Capacitor backup with 5 day carryover
- Manual override

SPECIFICATIONS

- SWITCH RATING: SPDT
 - 16A Resistive @ 277VAC
 - 1000W Tungsten @ 240VAC
- INPUT DRAW: 4VA
- INPUT FREQUENCY: 50/60Hz
- SHORTEST SWITCHING TIME: 1 minute
- AMBIENT TEMPERATURE: 0°F to 140°F (-18°C to 60°C)
- AMBIENT HUMIDITY: 0 to 95% RH, non-condensing
- WIRING CONNECTIONS: 1/4" quick connects
- UL and Canadian UL File E 83486

Operating Instructions



FM/1 digi 20 One Channel Electronic Time Switch

The FM/1 digi 20 is a compact electronic 24 hour/7 day time switch module with heavy duty relay contacts for switching low or line voltage loads. Applicable for time of day control of pumps, fans, heaters, HVAC control circuits, lighting, machinery and many other types of commercial, industrial, and agricultural equipment.

The FM/1 digi 20 features large keys with unique “circular pattern” for easy programming, an easy-to-read LCD display and capacitor backup to retain program memory during power outages.



TECHNICAL DATA:

Channels: 1 (SPDT)
Programs: 20
Holiday Program: No
Daylight time changeover: Manual
Manual 3 way override:
On-Auto-Off
Shortest switching time:
1 minute
Reserve carryover: 5 days

Input voltage models available:
24VAC/DC; 120VAC;
208/240VAC
Switching output: SPDT relay
Switch ratings:
16A res. @ 277VAC
1000W Tungsten @ 250VAC;
500W @ 125VAC

SPECIFICATIONS:

Input draw: 4VA
Input frequency: 50 or 60Hz
Wiring connections: 1/4" quick connects
Ambient temperature: -20°F to 140°F (-28°C to 60°C)
UL and Canadian UL recognized: File E83486

INSTALLATION & WIRING:

Note: Although the FM/1 models contain some degree of spike and electrical noise protection, as with all electronic devices, these units can be affected by electrical noise. Therefore, it is recommended that they be powered from a voltage source that has no switching devices or inductive loads connected.

1. Check the input and output ratings marked on the unit to make sure this product is suitable for your supply voltage, load, and application.

2. Disconnect supply power prior to installation to prevent electrical shock.

3. Install in accordance with all applicable National and Local electrical code requirements.

MOUNTING OPTIONS:

The standard FM/1 models may be surface mounted inside a panel or flush mounted with MK-FM mounting kit. Indoor NEMA 1, and outdoor NEMA 3R enclosures are available for stand-alone mounting. Consult Intermatic catalog or price sheet for various options.

A mounting base (MB-FMPC) is available for printed circuit board mounting. A clear plastic dust cover (DC-FM) is also available.

Models are also available with screw terminals and DIN rail mounting, or for flush mounting with housing and clear cover. (Digi 20A & Digi 20E)

