

## Intermatic FM1D20A-24

# Intermatic FM1D20A-24 Electronic 24-Hour/7-Day Timer Module Instruction Manual

Model: FM1D20A-24

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, setup, operation, and maintenance of the Intermatic FM1D20A-24 Electronic 24-Hour/7-Day Timer Module. Please read this manual thoroughly before attempting to install or operate the device to ensure proper function and safety.

## 2. SAFETY INFORMATION

**WARNING:** Risk of electric shock. Installation and servicing of this device should be performed by qualified personnel only. Disconnect power at the circuit breaker or fuse before installing or servicing. Follow all national and local electrical codes.

- Ensure the power supply matches the device's voltage rating (24V).
- Do not exceed the maximum current rating of 16A.
- Keep the device away from moisture and extreme temperatures.
- Do not attempt to open or repair the device yourself. Refer to qualified service personnel.

## 3. PACKAGE CONTENTS

Verify that all components are present upon unpacking:

- 1 x Intermatic FM1D20A-24 Electronic 24-Hour/7-Day Timer Module

## 4. PRODUCT OVERVIEW

The Intermatic FM1D20A-24 is an electronic timer module designed for precise 24-hour and 7-day scheduling. It features a digital display and intuitive controls for programming up to 20 ON/OFF operations.



**Figure 1:** Front view of the Intermatic FM1D20A-24 Timer Module, showing the digital display and control buttons.



**Figure 2:** Close-up view of the timer module's display, indicating current time and day, along with the 'Mode', '+', 'OVR AUTO', 'Res', 'Menu', 'OK', and '+1h' buttons.



**Figure 3:** Side view of the timer module, illustrating its compact design and potential mounting points for surface or DIN rail installation.

## 5. INSTALLATION

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The FM1D20A-24 timer module supports both surface and DIN rail mounting.

### 5.1 Mounting

- **Surface Mount:** Secure the module to a flat surface using appropriate screws through the designated mounting holes.
- **DIN Rail Mount:** Attach the module to a standard DIN rail by snapping it into place.

### 5.2 Wiring

**IMPORTANT:** All wiring must comply with local and national electrical codes. Ensure power is disconnected before wiring.

1. Connect the 24V power supply to the designated input terminals.
2. Connect the load (device to be controlled) to the output terminals. The timer module features an SPDT (Single Pole Double Throw) switch style.
3. Verify all connections are secure before restoring power.

## 6. SETUP

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### 6.1 Initial Power-Up

Upon initial power-up, the display may be blank or show default settings. The internal clock will need to be set.

### 6.2 Setting Current Time and Day

1. Press the 'Mode' button to enter the time setting mode.
2. Use the '+' button to adjust the hour, minute, and day.
3. Press 'OK' to confirm each setting and move to the next.
4. Once the time and day are set, press 'OK' to exit the setting mode.

### 6.3 Programming ON/OFF Events

The timer supports up to 20 ON/OFF operations.

1. Press the 'Menu' button to access the programming menu.
2. Navigate through the program slots (P1 ON, P1 OFF, P2 ON, P2 OFF, etc.) using the '+' button.
3. For each program slot, press 'OK' to select it.
4. Use the '+' button to set the desired time and day(s) for the ON or OFF event.
5. Press 'OK' to confirm each setting.
6. Repeat for all desired ON/OFF events.
7. Press 'Menu' to exit the programming mode.

## 7. OPERATING INSTRUCTIONS

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### 7.1 Manual Override (OVR AUTO)

The 'OVR AUTO' button allows for temporary manual control of the output, overriding the programmed schedule. Pressing it will toggle the output state (ON/OFF) and return to automatic operation at the next scheduled event.

### 7.2 Time Adjustment (+1h)

The '+1h' button can be used for quick adjustment of the current time, typically for daylight saving time changes. Pressing it will advance the current time by one hour.

### 7.3 Reset Function (Res)

The 'Res' (Reset) button is typically a recessed button that requires a pointed object (like a pen tip) to press. This button will reset the timer to its factory default settings, erasing all programmed events and resetting the clock. Use with caution.

## 8. MAINTENANCE

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The Intermatic FM1D20A-24 timer module requires minimal maintenance.

- **Cleaning:** Wipe the exterior of the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery:** This device does not require user-replaceable batteries for operation or memory retention.
- **Inspection:** Periodically inspect wiring connections for tightness and signs of wear or damage.

## 9. TROUBLESHOOTING

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### 9.1 Display is Blank

- Check if the power supply (24V) is connected and active.
- Ensure all wiring connections are secure.

### 9.2 Programmed Events Not Executing

- Verify that the current time and day are set correctly.
- Check that the programmed ON/OFF times and days are accurate.
- Ensure the timer is not in manual override mode (check 'OVR AUTO' status).
- Confirm the load is properly connected and functional.

### 9.3 Device Not Responding

- Attempt a soft reset by pressing the 'Res' button with a pointed object. Note that this will erase all settings.
- If the issue persists, disconnect power for a few minutes and then restore it.

## 10. SPECIFICATIONS

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|                           |                                       |
|---------------------------|---------------------------------------|
| Model Number              | FM1D20A-24                            |
| Brand                     | Intermatic                            |
| Type                      | Electronic 24-Hour/7-Day Timer Module |
| Voltage                   | 24V                                   |
| Frequency                 | 50/60Hz                               |
| Current Rating            | 16A                                   |
| Max. Number of Operations | 20 (ON/OFF)                           |
| Mounting Type             | Surface, DIN Rail                     |
| Switch Style              | SPDT                                  |
| Material                  | Plastic                               |
| Product Dimensions        | 2.06"D x 83"W x 4"H                   |
| Item Weight               | 0.01 Ounces                           |
| Certifications            | UL (Canada and US), CE                |

## 11. WARRANTY AND SUPPORT

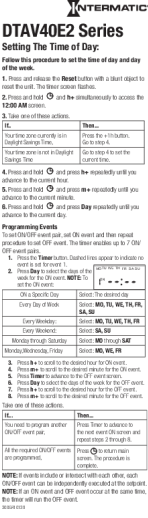
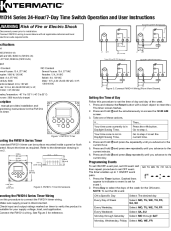
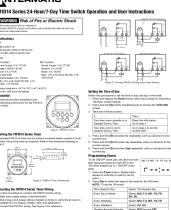
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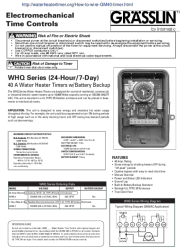
For warranty information, please refer to the manufacturer's description or contact Intermatic customer support directly. Technical assistance and further support can be obtained through the official Intermatic website or authorized service centers.

**Manufacturer:** Intermatic Incorporated

**Website:** [www.intermatic.com](http://www.intermatic.com)

## Related Documents - FM1D20A-24

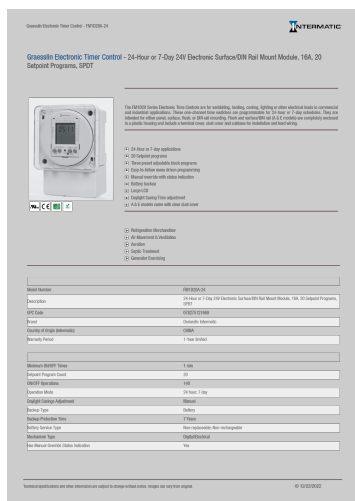
|  <p><b>DTAV40E2 Series</b><br/><b>Setting Time of Day:</b><br/>Follow this procedure to set the time of day and day of the week.</p> <ol style="list-style-type: none"><li>Press and release the <b>Reset</b> button with a sharp object to reset the unit. The timer screen will display 12:00 AM.</li><li>Press and hold <b>⏸</b> and <b>⏹</b> simultaneously to access the 12:00 AM screen.</li><li>Time zone and time selection.</li></ol> <table border="1"><thead><tr><th>LC</th><th>Time</th></tr></thead><tbody><tr><td>Hour time zone currently set</td><td>Press the <b>⏸</b> button. Go to step 4.</td></tr><tr><td>Daylight Savings Time</td><td>Go to step 4.</td></tr><tr><td>Hour time zone is set in Daylight Savings Time</td><td>Go to step 4.</td></tr></tbody></table> <ol style="list-style-type: none"><li>Press and hold <b>⏸</b> and press <b>⏹</b> repeatedly until you advance to the correct hour.</li><li>Press and hold <b>⏸</b> and press <b>⏹</b> repeatedly until you advance to the correct minute.</li><li>Press and hold <b>⏸</b> and press <b>Day</b> repeatedly until you advance to the correct day.</li></ol> <p><b>Programming Events</b><br/>To set ON/OFF event out, and ON event and then repeat procedure to set OFF event. The timer screen will display 12:00 AM.</p> <ol style="list-style-type: none"><li>Press the <b>Time</b> button. Dashed lines appear to indicate no event is set for ON.</li><li>Press <b>Day</b> to select the day of the week for the ON event. <b>NOTE:</b> The timer screen will display 12:00 AM.</li></ol> <table border="1"><thead><tr><th>ON Event Day</th><th>Event Day</th></tr></thead><tbody><tr><td>Every Day of Week</td><td>Select: <b>MON, TUE, WED, THU, FRI, SAT, SUN</b></td></tr><tr><td>Every Weekday</td><td>Select: <b>MON, TUE, WED, THU, FRI</b></td></tr><tr><td>Every Weekend</td><td>Select: <b>SAT, SUN</b></td></tr><tr><td>Monday through Saturday</td><td>Select: <b>MON through SAT</b></td></tr><tr><td>Monday through Friday</td><td>Select: <b>MON, WED, FRI</b></td></tr></tbody></table> <ol style="list-style-type: none"><li>Press <b>⏹</b> to go to the desired hour for ON event.</li><li>Press <b>⏹</b> to go to the desired minute for the ON event.</li><li>Press <b>⏹</b> to select the day of the week for the ON event.</li><li>Press <b>Day</b> to select the day of the week for the OFF event.</li><li>Press <b>⏹</b> to go to the desired hour for the OFF event.</li><li>Press <b>⏹</b> to go to the desired minute for the OFF event.</li></ol> <p>Set one of these values.</p> <table border="1"><thead><tr><th>LC</th><th>Time</th></tr></thead><tbody><tr><td>The timer is set to the desired hour for ON event.</td><td>Press the <b>⏸</b> button. Go to step 4.</td></tr><tr><td>The timer is set to the desired minute for the ON event.</td><td>Press the <b>⏸</b> button. Go to step 4.</td></tr><tr><td>The timer is set to the desired day of the week for the ON event.</td><td>Press the <b>Day</b> button. Go to step 4.</td></tr><tr><td>The timer is set to the desired hour for the OFF event.</td><td>Press the <b>⏸</b> button. Go to step 4.</td></tr><tr><td>The timer is set to the desired minute for the OFF event.</td><td>Press the <b>⏸</b> button. Go to step 4.</td></tr><tr><td>The timer is set to the desired day of the week for the OFF event.</td><td>Press the <b>Day</b> button. Go to step 4.</td></tr></tbody></table> <p><b>NOTE:</b> If event is ON/OFF event, each ON/OFF event can be independently programmed. The timer screen will display 12:00 AM.</p> <p><b>NOTE:</b> If event is ON/OFF event, each ON/OFF event can be independently programmed. The timer screen will display 12:00 AM.</p> | LC                                                                                                                                                                                                                                                                                                                             | Time | Hour time zone currently set | Press the <b>⏸</b> button. Go to step 4. | Daylight Savings Time | Go to step 4. | Hour time zone is set in Daylight Savings Time | Go to step 4. | ON Event Day | Event Day | Every Day of Week | Select: <b>MON, TUE, WED, THU, FRI, SAT, SUN</b> | Every Weekday | Select: <b>MON, TUE, WED, THU, FRI</b> | Every Weekend | Select: <b>SAT, SUN</b> | Monday through Saturday | Select: <b>MON through SAT</b> | Monday through Friday | Select: <b>MON, WED, FRI</b> | LC | Time | The timer is set to the desired hour for ON event. | Press the <b>⏸</b> button. Go to step 4. | The timer is set to the desired minute for the ON event. | Press the <b>⏸</b> button. Go to step 4. | The timer is set to the desired day of the week for the ON event. | Press the <b>Day</b> button. Go to step 4. | The timer is set to the desired hour for the OFF event. | Press the <b>⏸</b> button. Go to step 4. | The timer is set to the desired minute for the OFF event. | Press the <b>⏸</b> button. Go to step 4. | The timer is set to the desired day of the week for the OFF event. | Press the <b>Day</b> button. Go to step 4. | <p><a href="#">Intermatic DTAV40E2 Series: Setting the Time of Day and Programming Events</a></p> <p>A guide to setting the time of day, day of the week, and programming ON/OFF events for the Intermatic DTAV40E2 Series electronic timer.</p> |
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| Hour time zone is set in Daylight Savings Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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| The timer is set to the desired hour for ON event.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Press the <b>⏸</b> button. Go to step 4.                                                                                                                                                                                                                                                                                       |      |                              |                                          |                       |               |                                                |               |              |           |                   |                                                  |               |                                        |               |                         |                         |                                |                       |                              |    |      |                                                    |                                          |                                                          |                                          |                                                                   |                                            |                                                         |                                          |                                                           |                                          |                                                                    |                                            |                                                                                                                                                                                                                                                  |
| The timer is set to the desired minute for the ON event.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Press the <b>⏸</b> button. Go to step 4.                                                                                                                                                                                                                                                                                       |      |                              |                                          |                       |               |                                                |               |              |           |                   |                                                  |               |                                        |               |                         |                         |                                |                       |                              |    |      |                                                    |                                          |                                                          |                                          |                                                                   |                                            |                                                         |                                          |                                                           |                                          |                                                                    |                                            |                                                                                                                                                                                                                                                  |
| The timer is set to the desired day of the week for the ON event.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Press the <b>Day</b> button. Go to step 4.                                                                                                                                                                                                                                                                                     |      |                              |                                          |                       |               |                                                |               |              |           |                   |                                                  |               |                                        |               |                         |                         |                                |                       |                              |    |      |                                                    |                                          |                                                          |                                          |                                                                   |                                            |                                                         |                                          |                                                           |                                          |                                                                    |                                            |                                                                                                                                                                                                                                                  |
| The timer is set to the desired hour for the OFF event.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Press the <b>⏸</b> button. Go to step 4.                                                                                                                                                                                                                                                                                       |      |                              |                                          |                       |               |                                                |               |              |           |                   |                                                  |               |                                        |               |                         |                         |                                |                       |                              |    |      |                                                    |                                          |                                                          |                                          |                                                                   |                                            |                                                         |                                          |                                                           |                                          |                                                                    |                                            |                                                                                                                                                                                                                                                  |
| The timer is set to the desired minute for the OFF event.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Press the <b>⏸</b> button. Go to step 4.                                                                                                                                                                                                                                                                                       |      |                              |                                          |                       |               |                                                |               |              |           |                   |                                                  |               |                                        |               |                         |                         |                                |                       |                              |    |      |                                                    |                                          |                                                          |                                          |                                                                   |                                            |                                                         |                                          |                                                           |                                          |                                                                    |                                            |                                                                                                                                                                                                                                                  |
| The timer is set to the desired day of the week for the OFF event.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Press the <b>Day</b> button. Go to step 4.                                                                                                                                                                                                                                                                                     |      |                              |                                          |                       |               |                                                |               |              |           |                   |                                                  |               |                                        |               |                         |                         |                                |                       |                              |    |      |                                                    |                                          |                                                          |                                          |                                                                   |                                            |                                                         |                                          |                                                           |                                          |                                                                    |                                            |                                                                                                                                                                                                                                                  |
|  <p>Instruction Manual</p> <p>50 memories time switch</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <p><a href="#">Intermatic GMXFM1 Electronic Time Switch Instruction Manual</a></p> <p>Instruction manual for the Intermatic GMXFM1 electronic time switch, covering safety precautions, symbols, initial setup, programming, time settings, daylight saving adjustments, operating modes, and warranty information.</p>        |      |                              |                                          |                       |               |                                                |               |              |           |                   |                                                  |               |                                        |               |                         |                         |                                |                       |                              |    |      |                                                    |                                          |                                                          |                                          |                                                                   |                                            |                                                         |                                          |                                                           |                                          |                                                                    |                                            |                                                                                                                                                                                                                                                  |
|  <p><b>Intermatic</b><br/><b>FM1D14 Series 24-Hour/7-Day Time Switch Operation and User Instructions</b><br/><b>FM1D14 Series 24-Hour/7-Day Time Switch</b></p> <p>Operation and User Instructions</p> <p>Installation</p> <p>Wiring</p> <p>Programming</p> <p>Operating Modes</p> <p>Event Management</p> <p>Power Loss Functions</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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                           |                       |               |                                                |               |              |           |                   |                                                  |               |                                        |               |                         |                         |                                |                       |                              |    |      |                                                    |                                          |                                                          |                                          |                                                                   |                                            |                                                         |                                          |                                                           |                                          |                                                                    |                                            |                                                                                                                                                                                                                                                  |
|  <p><b>Intermatic</b><br/><b>FM1D14 Series 24-Hour/7-Day Time Switch: Operation and User Instructions</b><br/><b>FM1D14 Series 24-Hour/7-Day Time Switch</b></p> <p>Operation and User Instructions</p> <p>Installation</p> <p>Wiring</p> <p>Programming</p> <p>Operating Modes</p> <p>Event Management</p> <p>Power Loss Functions</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <p><a href="#">Intermatic FM1D14 Series 24-Hour/7-Day Time Switch: Operation and User Instructions</a></p> <p>Comprehensive guide to operating and installing the Intermatic FM1D14 Series 24-Hour/7-Day Time Switch, covering specifications, wiring, programming, and troubleshooting.</p>                                   |      |                              |                                          |                       |               |                                                |               |              |           |                   |                                                  |               |                                        |               |                         |                         |                                |                       |                              |    |      |                                                    |                                          |                                                          |                                          |                                                                   |                                            |                                                         |                                          |                                                           |                                          |                              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|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | <p><a href="#">Intermatic WHQ Series 40A Water Heater Timers with Battery Backup - Installation and Operation Manual</a></p> <p>Detailed information on the Intermatic WHQ Series 24-Hour/7-Day electromechanical water heater timers, including features, specifications, installation guide, programming instructions, and warranty information. Designed for residential, commercial, and industrial use.</p> |
|  | <p><a href="#">Intermatic GRÄSSLIN 20 Memories Time Switch Instruction Manual</a></p> <p>Comprehensive instruction manual for the Intermatic GRÄSSLIN 20 memories time switch, detailing setup, programming, operation modes, and warranty information.</p>                                                                                                                                                      |

## Documents - Intermatic – FM1D20A-24

### [\[pdf\]](#) User Manual Warranty

Page Title gproxysupplyhouse product files Intermatic FM1D20A 24 Submittal Sheet srsItid AfmBOOpQP  
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Electronic Timer Control - FM1D20A-24 Graesslin Electronic Timer Control - 24-Hour or 7-Day 24V  
Electronic Surface/DIN Rail Mount Module, 16A, 20 Setpoint Programs, SPDT Item FM1D20A-24  
TECHNICAL DATA General Model Number Descript ||| Graesslin Electronic Timer Control - FM1D20A-24  
Graesslin Electronic Timer Control - 24-Hour or 7-Day 24V Electronic Surface/DIN Rail Mount Module,  
16A, 20 Setpoint Programs, SPDT Item FM1D20A-24 TECHNICAL DATA General Model Number



Description ||| Graesslin Electronic Timer Control - FM1D20A-24 Graesslin Electronic Timer Control - 24-  
 Hour or 7-Day 24V Electronic Surface/DIN Rail Mount Module, 16A, 20 Setpoint Programs, SPDT Item  
 FM1D20A-24 TECHNICAL DATA General Model Number Descript ||| Graesslin Electronic Timer Control -  
 FM1D20A-24 Graesslin Electronic Timer Control - 24-Hour or 7-Day 24V Electronic Surface/DIN Rail  
 Mount Module, 16A, 20 Setpoint Programs, SPDT Item FM1D20A-24 TECHNICAL DATA General Model  
 Number Descript ||| Graesslin Electronic Timer Control - FM1D20A-24 Graesslin Electronic Timer Control  
 - 24-Hour or 7-Day 24V Electronic Surface/DIN Rail Mount Module, 16A, 20 Setpoint Programs, SPDT  
 Item FM1D20A-24 TECHNICAL DATA General Model Number Descript ||| Graesslin Electronic Timer  
 Control - FM1D20A-24 Graesslin Electronic Timer Control - 24-Hour or 7-Day 24V Electronic Surface/DIN  
 Rail Mount Module, 16A, 20 Setpoint Programs, SPDT Item FM1D20A-24 TECHNICAL DATA General  
 Model Number Descript ||| Graesslin Electronic Timer Control - FM1D20A-24 Graesslin Electronic Timer  
 Control - 24-Hour or 7-Day 24V Electronic Surface/DIN Rail Mount Module, 16A, 20 Setpoint Programs,  
 SPDT Item FM1D20A-24 TECHNICAL DATA General Model Number Descript ||| Graesslin Electronic  
 Timer Control - FM1D20A-24 Graesslin Electronic Timer Control - 24-Hour or 7-Day 24V Electronic  
 Surface/DIN Rail Mount Module, 16A, 20 Setpoint Programs, SPDT Item FM1D20A-24 TECHNICAL  
 DATA General Model Number Descript ||| Graesslin Electronic Timer Control - FM1D20A-24 Graesslin  
 Electronic Timer Control - 24-Hour or 7-Day 24V Electronic Surface/DIN Rail Mount Module, 16A, 20  
 Setpoint Programs, SPDT Item FM1D20A-24 TECHNICAL DATA General Model Number Descript |||  
 Graesslin Electronic Timer Control - FM1D20A-24 Graesslin Electronic Timer Control - 24-Hour or 7-Day  
 24V Electronic Surface/DIN Rail Mount Module, 16A, 20 Setpoint Programs, SPDT Item FM1D20A-24  
 TECHNICAL DATA General Model Number Descript

Graesslin Electronic Timer Control - **FM1D20A-24** Graesslin Electronic Timer Control  
- 24-Hour or 7-Day 24V Electronic Surface/DIN Rail Mount Module, 16A, 20 Setpoint  
Programs, SPDT Item **FM1D20A-24** TECHNICAL DATA General Model Number  
Description UPC Code Brand Country of Origin Intermatic Warranty...

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300GR10033 outside Digi cross reference Intermatic timers and manuals fmd series waterheatertimer org  
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<http://waterheatertimer.org/Programmable.html#FM1D>

[http://waterheatertimer.org/Intermatic-timers-and ...](http://waterheatertimer.org/Intermatic-timers-and...) 0-O-120 FM1D20E-120

FM1D20A-120 FM1D20-120U \*FM1D20-240 GMXFM1D20-O-240 GMXFM1D20-I-  
240 FM1D20E-240 **FM1D20A-240** FM1D20-240U \*FM1D20-24 GMXFM1D20-O-24  
GMXFM1D20-I-24 FM1D20E-24 **FM1D20A-24** FM1D20-24U \*...

lang:en score:33 filesize: 542.56 K page count: 3 document date: 2008-12-08



[\[pdf\]](#) User Manual Documentation Guide

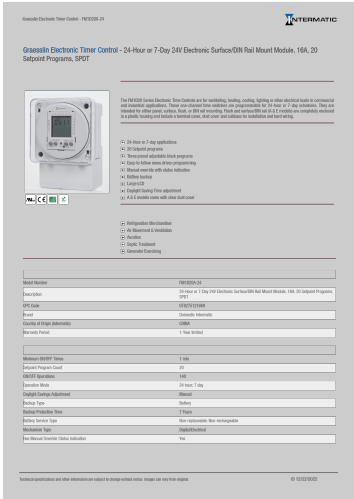
030 FM1D20A FM1D20E Series 2pgs ashx intermatic 80 ~ media Intermatic Documentation Specifier  
Guide

FM1D20A FM1D20E Series Electronic Time Switches Project: FM1D20A FM1D20E  
Series One Channel Su ... . FM1D20E: .26 lbs. FM1D20A-120 #E10694 Energy  
Controls FM1D20A FM1D20E Series Model Number **FM1D20A-24\*** FM1D20A-120  
**FM1D20A-240** FM1D20E-24\* FM1D20E-120 FM1D20E-240 \*24V model will operate  
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[\[pdf\]](#) User Manual Warranty

Page Title Graesslin Electronic Timer Control FM1D20A 24 SupplyHouseThe FM1D20 Series Time Controls are for ventilating heating cooling lighting or other electrical loads in commercial supplyhouse product files Intermatic Submittal Sheet srsltid AfmBOorx83v006AsnYnsouPXD kSEEXr88z0SwBVOsN65P ui2iQyw0Q commercialv1v1supplyhouse ui2iQyw0Qsupplyhouse AfmBOopqRSXBjfqgs1wILOLup 83Ey23VZpk1KOM5KUQ 8RipUwCHoLJo commercialv1v1v1supplyhouse AfmBOorp 4rpcUsil GSSp79C5 TvIkntPnPNcGYavYdDDhxWzS0D5W1supplyhouse commercialv1v1v1v1supplyhouse 8RipUwCHoLJosupplyhouse AfmBOorHh3DjXMHv4qgKMY6O6HoN36L6kShXhHx EAnf8WeqX8oCBQJ0 SupplyHouseGraesslin commercialThese one channel time switches programmable hour 7 day schedules They intended either panel surface flush DIN rail mounting Flush v1v1v1v1v1supplyhouse AfmBOopH6HKkf7XA6ikxMabO9SRCWLF9Qj0PgeeE766jdVTaWiytrtwisupplyhouse Flush v1v1v1v1v1v1supplyhouse EAnf8WeqX8oCBQJ0supplyhouse AfmBOor19frqOixzvpw2thYlWQlgjq3q3KBu5L2l0ScjSg9ayWeqESpx Flush v1v1v1v1v1v1v1supplyhouse AfmBOor19frqOixzvpw2thYlWQlgjq3q3KBu5L2l0ScjSg9ayWeqESpxsupplyhouse AfmBOoqHLuH9KKoHClsLt2 40n LH5ejZcc zMdqhCljKREtAkOCC4 Flush v1v1v1v1v1v1v1v1supplyhouse zMdqhCljKREtAkOCC4supplyhouse AfmBOor8U388Z23HSX7D6NWxZwXZmrhFLQagX4qqpOiBdXzM Qnf76k3 Flush v1v1v1v1v1v1v1v1v1supplyhouse Qnf76k3supplyhouse AfmBOoqmSdDDBgzj swy5Y4rBR21hHgeoyfq0Ds8RICy38l5ORQynolz Flush v1v1v1v1v1v1v1v1v1v1v1supplyhouse AfmBOoqWWYwwm6CmbJQHunDdHBPp33JadSm8EB4U01 cMRY NZ2btOlscopyhouse Flush v1v1v1v1v1v1v1v1v1v1v1v1supplyhouse

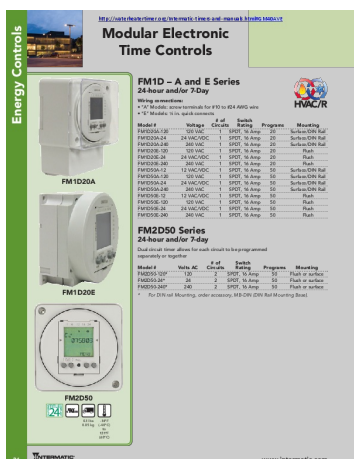


Electronic Timer Control - 24-Hour or 7-Day 24V Electronic Surface/DIN Rail Mount Module, 16A, 20 Setpoint Programs, SPDT Item FM1D20A-24 TECHNICAL DATA General Model Number Descript ||| Graesslin Electronic Timer Control - FM1D20A-24 Graesslin Electronic Timer Control - 24-Hour or 7-Day 24V Electronic Surface/DIN Rail Mount Module, 16A, 20 Setpoint Programs, SPDT Item FM1D20A-24 TECHNICAL DATA General Model Number Descript ||| Graesslin Electronic Timer Control - FM1D20A-24 Graesslin Electronic Timer Control - 24-Hour or 7-Day 24V Electronic Surface/DIN Rail Mount Module, 16A, 20 Setpoint Programs, SPDT Item FM1D20A-24 TECHNICAL DATA General Model Number Descript ||| Graesslin Electronic Timer Control - FM1D20A-24 Graesslin Electronic Timer Control - 24-Hour or 7-Day 24V Electronic Surface/DIN Rail Mount Module, 16A, 20 Setpoint Programs, SPDT Item FM1D20A-24 TECHNICAL DATA General Model Number Descript ||| Graesslin Electronic Timer Control - FM1D20A-24 Graesslin Electronic Timer Control - 24-Hour or 7-Day 24V Electronic Surface/DIN Rail Mount Module, 16A, 20 Setpoint Programs, SPDT Item FM1D20A-24 TECHNICAL DATA General Model Number Descript ||| Graesslin Electronic Timer Control - FM1D20A-24 Graesslin Electronic Timer Control - 24-Hour or 7-Day 24V Electronic Surface/DIN Rail Mount Module, 16A, 20 Setpoint Programs, SPDT Item FM1D20A-24 TECHNICAL DATA General Model Number Descript ||| Graesslin Electronic Timer Control - FM1D20A-24 Graesslin Electronic Timer Control - 24-Hour or 7-Day 24V Electronic Surface/DIN Rail Mount Module, 16A, 20 Setpoint Programs, SPDT Item FM1D20A-24 TECHNICAL DATA General Model Number Description UPC Code Brand Country of Origin Intermatic Warranty...  
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FM1D20A FM1D20E Series Zoro 20 setpoint programs 3 preset adjustable block Easy to follow menu driven programming Manual override with status indication Battery backup fm1d2a fm1d20e 120 Product Overview 24 240 030 fm1d20a series 2pgs controllerservice images products intermatic s3 supplyhouse product files 80 ~ media documentation specifier guide

FM1D20A FM1D20E Series Electronic Time Switches Project: FM1D20A FM1D20E Series One Channel Su ... . FM1D20E: .26 lbs. FM1D20A-120 #E10694 Energy Controls FM1D20A FM1D20E Series Model Number **FM1D20A-24\*** FM1D20A-120 **FM1D20A-240** FM1D20E-24\* FM1D20E-120 FM1D20E-240 \*24V model will operate on A...



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Energy Controls [http://waterheatertimer.org/Intermatic-timers-and-](http://waterheatertimer.org/Intermatic-timers-and-manuals.html#GM40AVE)  
[manuals.html#GM40AVE](http://waterheatertimer.org/Intermatic-timers-and-manuals.html#GM40AVE) Modular Elec ... Model # # of Switch Voltage Circuits Rating  
Programs FM1D20A-120 120 VAC 1 SPDT, 16 Amp 20 **FM1D20A-24** 24 VAC/VDC 1  
SPDT, 16 Amp 20 **FM1D20A-240** 240 VAC 1 SPDT, 16 Amp 20 FM1D20E-120 120 ...  
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FM1D20A FM1D20E Series Electronic Time Switches

http://waterheatertimer.org/Intermatic-timers-and ... . FM1D20E: .26 lbs. FM1D20A-120 #E10694 Energy Controls FM1D20A FM1D20E Series Model Number **FM1D20A-24\*** FM1D20A-120 **FM1D20A-240** FM1D20E-24\* FM1D20E-120 FM1D20E-240 \*24V model will operate on A...

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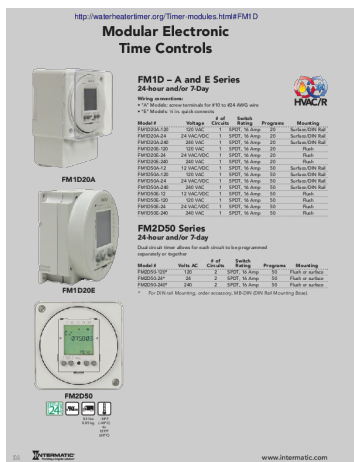
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FM1D20A FM1D20E Series Electronic Time Switches

http://waterheatertimer.org/Timer-modules.html#FM ... . FM1D20E: .26 lbs.

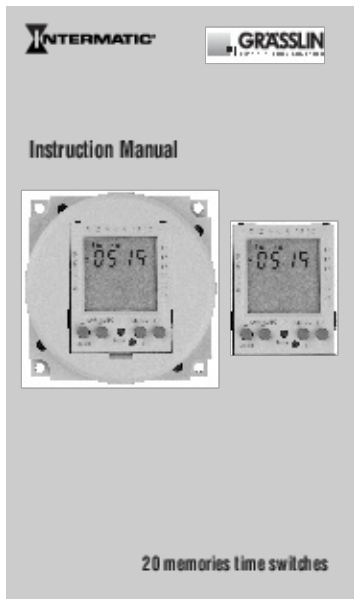
FM1D20A-120 #E10694 Energy Controls FM1D20A FM1D20E Series Model Number **FM1D20A-24\*** FM1D20A-120 **FM1D20A-240** FM1D20E-24\* FM1D20E-120 FM1D20E-240 \*24V model will operate on A...

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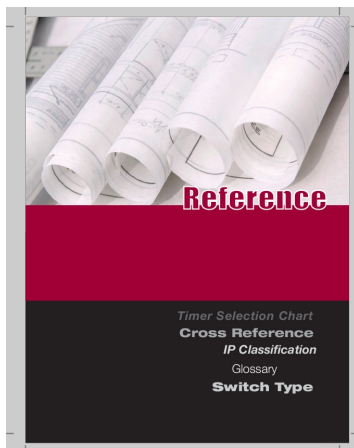
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FM1D A and E series sell sheet Intermatic timers manuals 036 FM1DA L waterheatertimer.org |||  
<http://waterheatertimer.org/Timer-modules.html#FM1D> Modular Electronic Time Controls FM1D20A FM1D20 ... Model # # of Switch Voltage Circuits Rating Programs  
 FM1D20A-120 120 VAC 1 SPDT, 16 Amp 20 **FM1D20A-24** 24 VAC/VDC 1 SPDT, 16 Amp 20 **FM1D20A-240** 240 VAC 1 SPDT, 16 Amp 20 FM1D20E-120 120 ...  
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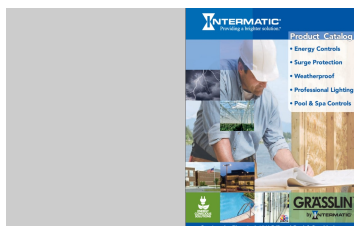
[Intermatic GRÄSSLIN 20 Memories Time Switch Instruction Manual](#)

Comprehensive instruction manual for the Intermatic GRÄSSLIN 20 memories time switch, detailing setup, programming, operation modes, and warranty information.  
 lang:en score:23 filesize: 1.94 M page\_count: 20 document date: 2018-10-05



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Reference ashx intermatic 80 ~ media Intermatic Documentation Catalogs  
 Enclosures and Accessories Reference Reference Timer Selection Chart Cross Reference IP Classificat ... 02-00 K4136M, K4421C CW302-70 K4136M CW302-71 K4421M EC11D/120VAC FM1D20A-120 EC11D/240VAC **FM1D20A-240** EC365DST1/120VAC ET90115CR EC365DST2/120VAC EC365DST2/277VAC ET90215CR EC4000/120VA...  
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ET1725C Timers Intermatic et1725c EBH EB HorsmanNote The electronic mechanism snaps into Model 7007 00 T7401B 20 T7402B DT200 2 3 ET90215C DTS100A169743 catalogebhorsman amfile file 70931 product 57848 srsltid AfmBOOpOXDYkj 4UuqMI0NX9wd1j S58 aAVKXWdIsoTyg02Mc9ime6D ||| proud distributor of Visit our [www.youtube.com/user/ebhorsman](http://www.youtube.com/user/ebhorsman) Shop Online ebhorsman.com Electron ... 02-00 K4136M, K4421C CW302-70 K4136M CW302-71 K4421M EC11D/120VAC FM1D20A-120 EC11D/240VAC **FM1D20A-240** EC365DST1/120VAC ET90115CR EC365DST2/120VAC EC365DST2/277VAC ET90215CR EC4000/120VA... lang:nl score:19 filesize: 671.06 K page\_count: 6 document date: 2015-04-02



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GM40AV Timers Time Clocks Intermatic gm40av EBH EB HorsmanParagon Model 1015 00RS T1975 40TS T1975E 4001 00 EC74 50S 120VAC 240VAC ET90415CR EL71 208 240VAC251900 catalogebhorsman amfile file 45347 product 75650 srsltid AfmBOOpdwYqr8oujQgnCk3bo1ymxixUCvkoLtLCLn Se10cl8fN26TPG HorsmanGM40AV 240VACJW30 JW30 00PC 20 20PC JW5 LB201W RT K4321C P101 T101 Paragon Model 251900 catalog251900 Se10cl8fN26TPGehorsman AfmBOOq9Wa50r JiR2aF1Hkba8aXZ xPDm y81QzQRISScuiNrVEZAc Horsman Model 00M T101M M 4002 71 T102 4003 T103 251900 catalog v1 ebhorsman AfmBOOr17lax1EXDJoWSbHgPr8w29TI27YMDCrhEVrAHUqdziLTORhw Model 1015 TC 103 R T103R TC 104 T104 T104R 104R201 EL7200 EL7200PC 120VAC ebhorsman y81QzQRISScuiNrVEZAcebhorsman AfmBOOr17lax1EXDJoWSbHgPr8w29TI27YMDCrhEVrAHUqdziLTORhwebhorsman AfmBOortm9 oSIQkf7ILG6TH8FEQoHRe GVCIp6loPbDHH71vHgJDR a ||| proud distributor of Visit our [www.youtube.com/user/ebhorsman](http://www.youtube.com/user/ebhorsman) Shop Online ebhorsman.com Electrom ... 02-00 K4136M, K4421C CW302-70 K4136M CW302-71 K4421M EC11D/120VAC FM1D20A-120 EC11D/240VAC **FM1D20A-240** EC365DST1/120VAC ET90115CR EC365DST2/120VAC EC365DST2/277VAC ET90215CR EC4000/120VA... lang:en score:19 filesize: 811.99 K page\_count: 10 document date: 2015-04-02



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ET1105C Timers Intermatic et1105c EBH EB HorsmanET8215C Indoor Type 1 Steel ET8215CPD82 Outdoor 3R Plastic ET8215CR 24 Hour Schedule 7 Day Astronomic185550 catalogebhorsman amfile file 49970 product 15509 srsltid AfmBOOoOGJXnN4fgKBEdVZN8Yq6Mgnd69N611qUCzuq0Eg379wdjqLk HorsmanET1105C AstronomicNote The electronic mechanism snaps into time switch enclosure models 2T2040GA 2T511GA 2T2500GA and 2T2926A replacing mechanical mechanisms 185550 catalog185550 AfmBOOoOGJXnN4fgKBEdVZN8Yq6Mgnd69N611qUCzuq0Eg379wdjqLkebhorsman AfmBOOoPJOXMA7yFnS6uPfDf8HfPX4oEJMhKP25JMJl3oFY9robmFo j ||| proud distributor of Visit our [www.youtube.com/user/ebhorsman](http://www.youtube.com/user/ebhorsman) Shop Online ebhorsman.com Electron ... 02-00 K4136M, K4421C CW302-70 K4136M CW302-71 K4421M EC11D/120VAC FM1D20A-120 EC11D/240VAC **FM1D20A-240** EC365DST1/120VAC ET90115CR EC365DST2/120VAC EC365DST2/277VAC ET90215CR EC4000/120VA... lang:nl score:18 filesize: 673.94 K page\_count: 6 document date: 2015-04-02



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T101 70 Timers Intermatic t101 EBH EB Horsman K4500 PC 101 R T101P GM40AV 103 T103P 104 T104P PT 15 K4121C 168 K4123C 19 K4135 SC 10 SPT K4221C SPT 12955 catalog ebhorsman amfile file 61052 product 10448 |||  
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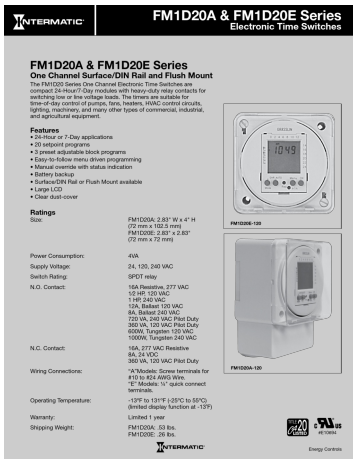
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T103 70 Timers Intermatic t103 EBH EB HorsmanJW30 00 JW30 00PC 20 20PC JW5 LB201W RT K4321C P101 T101 GM40AV Paragon Model 12959 catalogebhorsman amfile file 61073 product 24863 srsltid AfmBOOrZJKd7pxhjoGl k0psrk6bIHhXtToYXJaOnGSHgZxy6b xrq4X HorsmanT103 Model JW30 catalog12959 AfmBOOrnOKzKU1fP7nfSleRYAFWQrDaH0COdi6QzH9cbCFJR0ALhhLsebhorsman |||  
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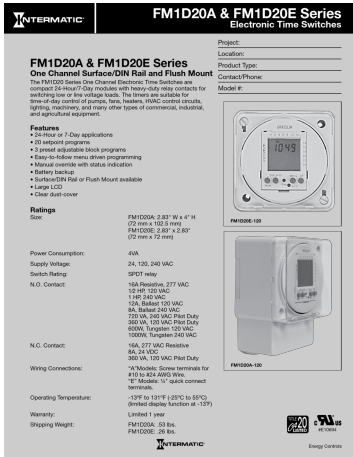
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FMD Series HERPROOF PROFESSIONAL LIGHTING ENERGY CONTROLS SURGE PROTECTION FMD Series Electroni ... 0-O-120 FM1D20E-120 FM1D20A-120 FM1D20-120U \*FM1D20-240 GMXFM1D20-O-240 GMXFM1D20-I-240 FM1D20E-240 **FM1D20A-240** FM1D20-240U \*FM1D20-24 GMXFM1D20-O-24 GMXFM1D20-I-24 FM1D20E-24 **FM1D20A-24** FM1D20-24U \*...  
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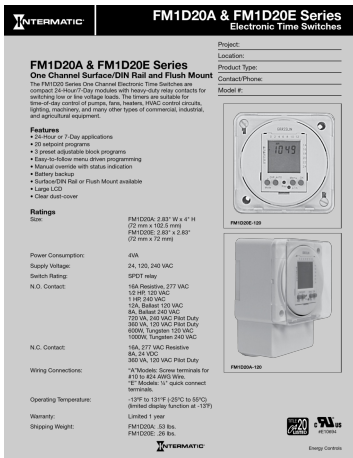
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Intermatic FM1D20A 120 Electronic Time Control Spec Sheet 24 Hr and or 7 Day Single Channel 20 Programs Volt 1000Bulbs intermatic fm1d20a specs 1559137754 a89b8e4143ca50438f09 7c1706ba3fabeeda794725d88e4f5e57 ssl cf2 rackcdn spec sheets files 000 064 210 original FM1D20A FM1D20E Series Electronic Time Switches FM1D20A FM1D20E Series One Channel Surface/DIN ... 120 FM1D20A-120 20 TITLE LISTED #E10694 Energy Controls FM1D20A FM1D20E Series Model Number **FM1D20A-24\*** FM1D20A-120 **FM1D20A-240** FM1D20E-24\* FM1D20E-120 FM1D20E-240 \*24V model will operate on A... lang:en **score:16** filesize: 585.78 K page\_count: 2 document date: 2019-05-29



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Product Spec Sheet INT MAT FM1D20E 240 DGTL TMR 20 PRG Cooper Electric 4af366f57abe35c3a0cd4a948c6ec82f3936ed23 media distributordatasolutions intermatic 2016q4 ||| FM1D20A FM1D20E Series Electronic Time Switches Project: FM1D20A FM1D20E Series One Channel Su ... s. FM1D20A-120 20 TITLE LISTED #E10694 Energy Controls FM1D20A FM1D20E Series Model Number **FM1D20A-24\*** FM1D20A-120 **FM1D20A-240** FM1D20E-24\* FM1D20E-120 FM1D20E-240 \*24V model will operate on A... lang:en **score:15** filesize: 533.77 K page\_count: 2 document date: 2014-09-11



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Product DataGrasslin FM1D20A 240 TIMER DCNEproduct data intermatic grasslin 00016 1 2 specd36aiwq7h8e0h3 cloudfront net userfiles inriver documents ce ps product spec ||| FM1D20A FM1D20E Series Electronic Time Switches Project: FM1D20A FM1D20E Series One Channel Su ... s. FM1D20A-120 20 TITLE LISTED #E10694 Energy Controls FM1D20A FM1D20E Series Model Number **FM1D20A-24\*** FM1D20A-120 **FM1D20A-240** FM1D20E-24\* FM1D20E-120 FM1D20E-240 \*24V model will operate on A... lang:en **score:15** filesize: 533.73 K page\_count: 2 document date: 2014-09-11



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Intermatic EI220 EI200 Series Electronic Countdown Timer With Preset Time 120 Volt AC 1 2 4 8 Hour Electrical Wholesalers IncUSES1 111878 catalogassets usesi product media catalogs USESI catalog ||| Product Catalog Energy Controls Surge Protection Weatherproof Professional Lighting ... .. 35 FM1D20-240U\* ..... 35 FM1D20-24U\* ..... 35 FM1D20A-120\* ..... 36 **FM1D20A-24\*** ..... 36 **FM1D20A-240\*** ..... 36 FM1D20E-120\* ..... 36 FM1D20E-240\* ..... 36 lang:en **score:14** filesize: 22.53 M page\_count: 164 document date: 2010-08-10



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<http://waterheatertimer.org/Intermatic-timers-and-manuals.html> Investing in the Future  
to Serve Y ... 20-24U.....27 FM1D20-120U.....27 FM1D20-  
240U.....27 **FM1D20A-24**.....27 FM1D20A-120.....27  
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FD15MWC.....70 **FM1D20A-24** ..... 31  
ET2715CR.....24 FD30MAC.....

lang:es score:13 filesize: 90.75 M page\_count: 195 document date: 2022-10-11

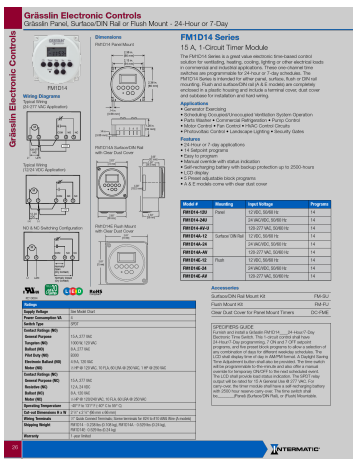


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K4136M K4421C K4136M K4123M, K4421M FM1D20A-120 **FM1D20A-240**  
ET70115CR ET70215CR ET1115C ET1105C ET1115C ET1115CPD82 ET1115C  
ET1115CPD82 ET1115CPD82 ...

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Specification Sheet INTERMATIC FM SU INTMATE00983 26 28 52 53 170 images tradeservice

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Grsslin Electronic Controls Grsslin Panel, Surface/DIN Rail or Flush Mount - 24-Hour or 7-Day Grssl ... 20-24U Panel 24 VAC/VDC, 50/60 Hz FM1D20-120U 120 VAC, 50/60 Hz FM1D20-240U 240 VAC, 50/60 Hz **FM1D20A-24** Surface/ DIN Rail 24 VAC/VDC, 50/60 Hz FM1D20A-120 120 VAC, 50/60 Hz **FM1D20A-240** 240 ...

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.....24 **FM1D20A-24\*** .....24 FM1D20A-120 .....24  
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18 Grsslin Electronic Controls Whether 24-Hour or 7-Day ON or OFF control, cycle, pulse, annual, o ... ime adjustment A E models come with clear dust cover Model # FM1D20-24U FM1D20-120U FM1D20-240U **FM1D20A-24** FM1D20A-120 **FM1D20A-240** FM1D20E-24 FM1D20E-120 FM1D20E-240 Mounting Voltage 24 VAC/VDC,...

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