

## In-Wall Timer - Spring Wound Countdown Timer, Commercial, 125-277 VAC, 50/60 Hz, DPST, 12 Hour Max, Without Hold, Silver

Item FF412H



### PRODUCT DESCRIPTION

The FF Series Commercial Countdown Timers are designed to replace any standard wall switch and do not require electricity to operate. These energy-efficient switches automatically limit the ON times for fans, lighting, motors, heaters, and other energy consuming loads. A commercial "brushed metal" look plate (plastic construction) meets NEC requirements. \*NOTE: Not for use with sunlamps, saunas, or loads that could cause personal injury if timed incorrectly.

### FEATURES

- ▶ 12-Hour timer.
- ▶ DPST (Double-Pole Single-Throw).
- ▶ Breaks circuit at end of timing cycle.
- ▶ No electricity required to operate.
- ▶ Replaces any standard or decorator single-gang wall switch.
- ▶ Automatically limits ON time for energy consuming loads.
- ▶ Quick and easy installation.
- ▶ Time-saving up front terminal connection with teeter-type terminals.
- ▶ Brushed metal look switch plate meets NEC requirements (plate is included).
- ▶ Incandescent/fluorescent/CFL/LED compatible.

### APPLICATIONS

- ▶ Air Movement & Ventilation
- ▶ Indoor Lighting Control
- ▶ Motor Control
- ▶ Outdoor Lighting Control

### TECHNICAL DATA

| General                           |                                                                                                          |
|-----------------------------------|----------------------------------------------------------------------------------------------------------|
| Model Number                      | FF412H                                                                                                   |
| Description                       | Spring Wound Countdown Timer, Commercial, 125-277 VAC, 50/60 Hz, DPST, 12 Hour Max, Without Hold, Silver |
| UPC Code                          | 078275184329                                                                                             |
| Brand                             | Intermatic                                                                                               |
| Country of Origin (Intermatic)    | TUNISIA                                                                                                  |
| Warranty Period                   | 1-Year limited                                                                                           |
| TARIC HS Code                     | 9107.00.00                                                                                               |
| Control Specifications            |                                                                                                          |
| Operation Mode                    | Countdown                                                                                                |
| Countdown Time                    | 12 hrs                                                                                                   |
| Hold Mode Included                | No                                                                                                       |
| Mechanism Type                    | Analog/Mechanical                                                                                        |
| Application Compatibilities       | Incandescent; Fluorescent; CFL; LED                                                                      |
| Mechanical Specifications         |                                                                                                          |
| Wall Plate Configurations         | Single-Gang; Multi-Gang                                                                                  |
| Dimensions                        |                                                                                                          |
| Product Dimensions (H x W x D) in | 4.5625 x 2.75 x 2.25 in                                                                                  |



| Material Specifications                  |                                                                     |
|------------------------------------------|---------------------------------------------------------------------|
| Color                                    | Silver                                                              |
| Includes Wall Plate                      | Yes                                                                 |
| Finish                                   | Brushed Metal                                                       |
| Load Ratings                             |                                                                     |
| Resistive Heater                         | 20 A, 2500 W, 125 VAC; 10 A, 2500 W, 250 VAC; 10 A, 2770 W, 277 VAC |
| Tungsten Incandescent (NO) Range(s)      | 7 A, 125 VAC, 875 W                                                 |
| Electrical Specifications                |                                                                     |
| Input Voltage Range(s)                   | 125-277 VAC, 50/60 Hz                                               |
| Wiring Configurations                    | Single                                                              |
| Switch Type                              | DPST                                                                |
| Neutral Connection Required              | No                                                                  |
| Environmental Specifications             |                                                                     |
| Temperature (operation)                  | 40 - 120 °F / 4 - 49 °C                                             |
| Packaging                                |                                                                     |
| Shipping Weight (lbs)                    | 0.349                                                               |
| Unit Carton Dimensions (H x W x D) in    | 4.63 x 2.13 x 2.88 in                                               |
| Product Weight (lbs)                     | 0.29                                                                |
| Product Weight (kg)                      | 0.132                                                               |
| Standards and Certifications             |                                                                     |
| UL Certification                         | RU                                                                  |
| CSA Certification                        | cCSAus                                                              |
| Other Certifications and Compatibilities | Green Energy                                                        |
| California Proposition 65                | DEHP                                                                |
| RoHS Certification                       | N/A                                                                 |

**ACCESSORIES**



146MT577  
Knob-Wall Switch FF Series - White



146MT579  
Knob-Wall Switch FF Series - Black



148FD5032  
Plate for 12-Hr without HOLD (FF12HC,  
FF312H, FF412H)