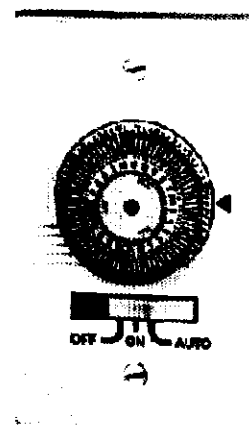


In-Wall Timers

Replaces standard wall switch (toggle) to provide automatic control of outdoor or indoor lighting, fans, pumps, office machines, and other types of circuits. Captive trippers are easy to set, can't be lost. 72 trippers provide up to 36 ON/OFF events in 24 hour period. Three way, OFF/AUTO/ON override switch provides continuous ON or OFF positions. UL Listed. Easy wiring and installation.



Specifications

- **Switch Rating:**
 - 20A @ 120VAC, 60Hz
 - 2400W Resistive
 - 8A Inductive
 - 1HP @ 120VAC
 - 1350W Tungsten
- **Environmental Ratings:**
 - **Operating Temperature Range:** -40°F to 180°F (-40°C to 85°C)
 - **Operating Humidity:** 0 to 95% non-condensing
- **Wiring Connections:**
 - (3) #14AWG color coded lead wires
 - Hot – Black
 - Switched – Red
 - Neutral – White

Features

- Captive trippers with 20 minute switching interval (2-1/3 hr. for 7 day)
- SPST 20A, 1HP @ 120V switch
- Replaces standard wall switches
- Multiple plates available
- Reliable synchronous timer motor
- Easy wiring and installation
- Works with fluorescent and compact fluorescent lights

Products

Model	Wallplate Configuration	Switch	Timer
KM2ST-1G	1 Gang	SPST	24 Hour
KM2ST-2D	2 Gang, Decorator	SPST	24 Hour
KM2ST-2G	2 Gang, Toggle	SPST	24 Hour
KM2ST-2R	2 Gang, Receptacle	SPST	24 Hour
KM2ST-3D	3 Gang, Decorator	SPST	24 Hour
KM2ST-3G	3 Gang, Toggle	SPST	24 Hour
KM2ST-4G	4 Gang, Toggle	SPST	24 Hour
KM2STST-2G	2 Gang, Dual Timers	(2) SPST	24 Hour
KM2STU-1G	1 Gang, 3 Way	SPDT	24 Hour

Installation

TO THE INSTALLER

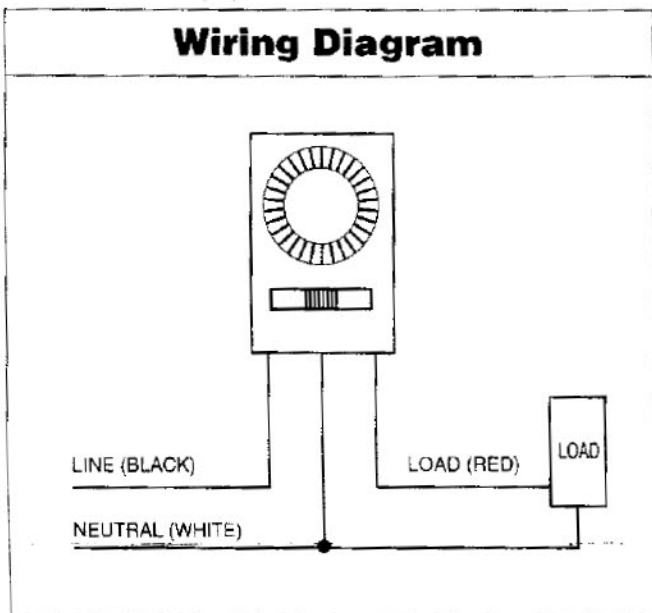
1. Read the operating instructions carefully.
2. Check the input and output ratings marked on the unit to make sure this product is suitable for your application.
3. Disconnect power supply prior to installation to prevent electrical shock.
4. Damage to the contacts caused by short circuiting will void warranty.
5. Wire in accordance with National and local electrical code requirements.

BE SURE ALL CONNECTIONS ARE SECURE. DOUBLE CHECK ALL TWIST-ON WIRE CONNECTORS.

6. Mount timer into wall box using supplied screws.
7. If timer does not operate, check that the timer's black wire is connected to hot line and not the load. If necessary, reverse connections to red and black wires.

Manual Operation

The slide switch provides manual operation of the load, overriding the timer. Set to the "OFF" position, the load will be continuously off, and if set to "ON", it will be continuously on. For automatic timed on's and off's, the switch must be in the "AUTO" position.



Programming

The timer dial contains 72 "trippers" which, when set at the inner perimeter of the dial, will turn the switch "ON" at the time adjacent to the tripper. The switch will return to the "OFF" position when the timer progresses past the inward trippers.

The 72 trippers allow multiple on/off sequences with a minimum on or off time of 20 min. To program, set all trippers inward for the duration of the on event.

For example, to turn lights on at 5:00pm and off at 11:00pm, leave inward the 18 trippers between 5 and 11 on the "pm" side of the dial. Make sure manual switch is in the "AUTO" position.

NOTE: For any times where "OFF" programming is desired, the trippers must be moved to the outer perimeter of the dial.

Setting The Time

Rotate the dial *clockwise* until the correct time and "am" or "pm" is opposite the arrow on the plate.

CAUTION: Do not turn dial counter-clockwise, as the timer will be damaged.

ONE YEAR WARRANTY

If this unit fails due to a defect in material or workmanship within one year after purchase, Grasslin will repair or replace the unit free of charge. This warranty does not apply to damage due to accidents, abuse, mishandling nor to units not used in accordance with directions. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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