



## TC Series - Lighting Control Panels

### TC4 Time Clock Contactor Replacement

#### KEY FEATURES

- 4 switch inputs
- 4 single-pole 20A, NO, relays
- Internal time clock with auto DST option
- Astronomical clock
- Keypad programming
- 2-line LCD backlit display with prompts
- Holiday schedules
- Timed inputs
- Master override switch:  
On/Auto/Off
- UL listed
- 2-year warranty



#### System Accessories

- Windows Software
- Contact Input Photocell
- Telephone Interface Module
- Serial Modem

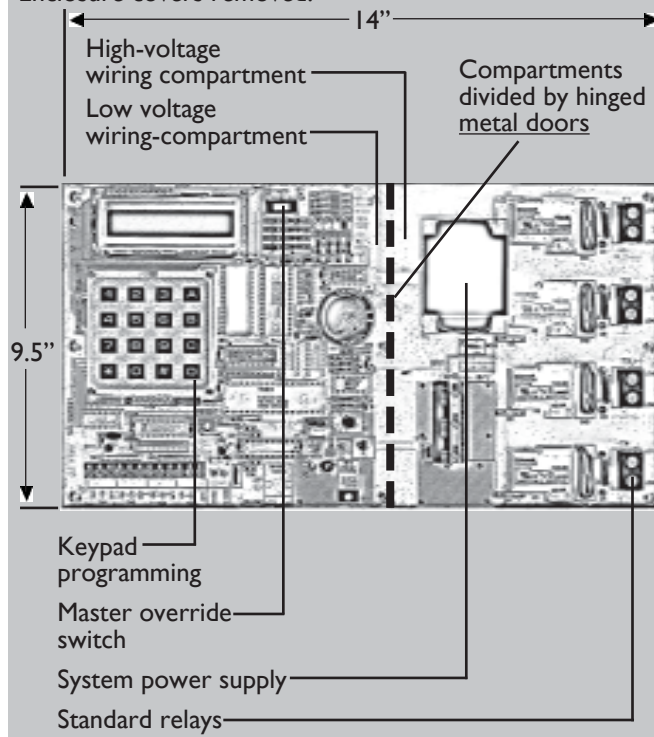
#### DESCRIPTION

The TC4 is designed for applications that would traditionally use a time clock in conjunction with contactors. The TC4 comes with 4 switch inputs and 4 standard relays, within NEMA 1 enclosure. For fast and easy site installation, the TC4 comes fully assembled with all relays already in the enclosure. Simply mount the enclosure on a wall, and connect your relays and transformer.

Available with either a 277V or a 120V transformer, the TC4 also includes on-board keypad programming with a self-prompting, 2-line, 32-character LCD display. The switch inputs program the local override capability of each relay. Inputs can be configured to accept momentary, maintained, or toggle switches as well as motion-detection sensors and photocell. The on-board keypad provides easy programming and operation.

#### TC4 SETUP

Enclosure covers removed.



## ENCLOSURE SPECIFICATIONS

TC4	<ul style="list-style-type: none"><li>• NEMA 1; surface mount; lockable</li></ul>
Relays	<ul style="list-style-type: none"><li>• 4 relays (integrated)</li><li>• 9.5" x 14" x 3.25"</li></ul>
Master override	<ul style="list-style-type: none"><li>• 20A 120/277 VAC, NO, rated contacts</li></ul>
Transformer	<ul style="list-style-type: none"><li>• Maximum wire size: 10 AWG</li><li>• Mechanical operations: 10 million</li></ul>
Power use	<ul style="list-style-type: none"><li>• On/Auto/Off switch</li></ul>
Operating temperature	<ul style="list-style-type: none"><li>• 120VAC or 277VAC, 60HZ</li><li>• TC4 fully loaded panel - 20 watts</li><li>• 0°–50° C ( 32°–122° F)</li></ul>

## CONTROL PANEL SPECIFICATIONS

Inputs	<ul style="list-style-type: none"><li>• Maximum of 4 relays</li><li>• LED indicators for relay status and system operations</li><li>• 2x16 32-character display with programming keypad</li><li>• Master override switch: On/Auto/Off</li></ul>
Features	<ul style="list-style-type: none"><li>• Programmable 4 dry contact, switch inputs</li><li>• Contact rating: 24 VDC @ 12 mA</li><li>• Momentary, Maintained, Alternate Action</li><li>• Astronomical clock</li><li>• 64 time-of-day schedules</li><li>• 32 holiday groups</li><li>• Automatic daylight-savings-time adjustment</li><li>• OFF warning: 1–99 minutes</li><li>• Switch input timers: 1–999 minutes</li><li>• Timed overrides: 1–999 minutes</li><li>• Prioritization of switch inputs and time-of-day schedules</li><li>• Local ON/OFF control of individual relays</li><li>• Memory backup</li><li>• One RS-232 port: RJ-11 connector for PC or modem</li></ul>
Programming	<ul style="list-style-type: none"><li>• Keypad programming</li><li>• Optional PC programming with off-line editor</li></ul>

## HOW TO ORDER

Catalog Number	Description
TC44120	4 I-Pole 120/277VAC 20Amp Relays, NO, 120VAC Input
TC44277	4 I-Pole 120/277VAC 20Amp Relays, NO, 277VAC Input



**Building Automation, Inc.**

**Hubbell Building Automation, Inc.**  
9601 Dessau Road | Building One | Austin, Texas 78754  
{512} 450-1100 | {512} 450-1215 fax  
[hubbell-automation.com](http://hubbell-automation.com)