

Time Option

PN 43522

The time option provides display of the current time in 12- or 24-hour format. To install this option, do the following:

1. Disconnect power to the remote display.
2. Open the cover and lower the hinged mounting panel



Caution

Use a wrist strap to ground yourself and protect components from electrostatic discharge (ESD) when working inside the remote display enclosure.

3. Locate and remove the plug from the right end of the enclosure.
4. Install the clock switch in the hole from the outside of the enclosure (see Figure 1, below). Install the tabbed rectangular metal washer on the inside of the enclosure. Tighten (do not overtighten!) the plastic nut on the switch cylinder.
5. Push switch body onto the switch cylinder until it clicks in place.

6. Attach label to enclosure above clock switch.
7. Route wires from the clock switch to connector J2 on the CPU board. Install cable ties and cable tie mounts as required.
8. Cut wires to the length required for your model, then strip 3/16" of insulation from the wire ends.
9. Connect wires to CPU board at connector J2 as shown in Figure 2.
10. Install the clock chip into socket U20 on the CPU board. Ensure that the chip is oriented with pin 1 as shown in Figure 2.
11. Set DIP switch DSW3-5 on to enable the time display.
12. DIP switch DSW3-4 controls whether the time is displayed in 12- or 24-hour format. Set DSW3-4 off to select 24-hour format; set the switch on for 12-hour format.

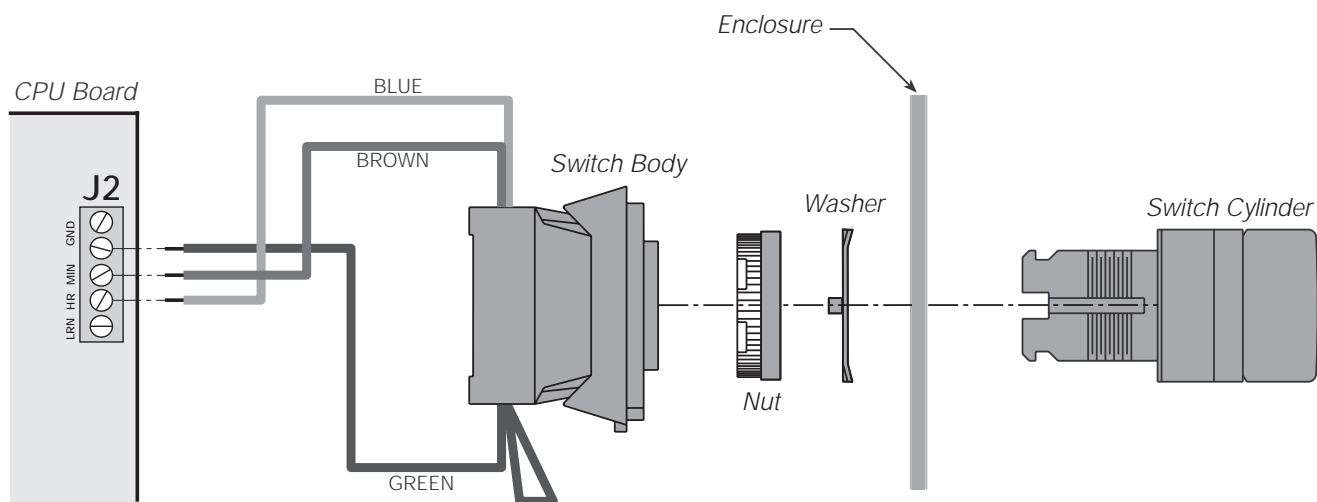


Figure 1. Time Option Switch Assembly

Switch Wiring:

Connect wires from clock switch to Connector J2 (see inset)

Clock Chip:

Install clock chip PN 16210 in socket U20 (pin 1 marked by circle on chip)

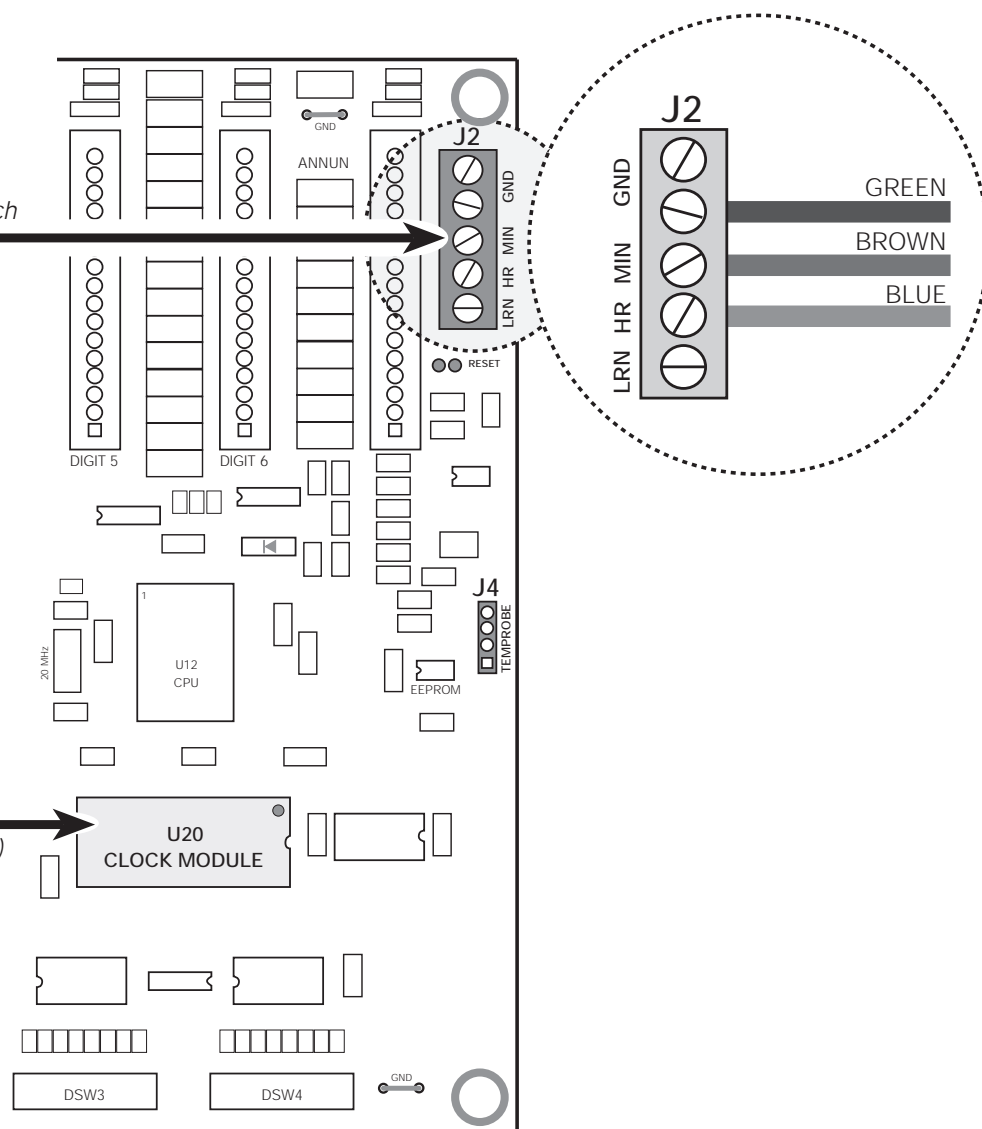


Figure 2. CPU Board Connections and Chip Installation for Time Option (F-Series CPU Board Shown)

Setting the Clock

Once remote display configuration is complete and the unit powered on, set the clock by doing the following:

1. Turn the clock switch to the *HRS SET* position to set the hour. Hours digits count up once per second while the switch is held in the *HRS SET* position. Release the switch when the current hour is displayed.
2. Turn the clock switch to the *MIN SET* position to set the minute. Minutes digits count up once per second while the switch is held in the *MIN SET* position. Release the switch when the current minute is displayed.

The clock chip contains its own battery which maintains the current time when the remote display is powered off.

The current time is displayed when the weight reading received by the remote display is zero. If the temperature option is also installed and enabled, the time and temperature displays alternate.