

Temperature Control Module (TCM) Wiring Instructions

These instructions are used to install the temperature control module (TCM) on the following Apex products:

- 2103 Rim E-Lock Exit Device
- 2203 Surface Vertical Rod E-Lock Exit Device
- 2303 Mortise E-Lock Exit Device
- 2703 Wood Door Concealed Vertical Rod E-Lock Exit Device
- 2803 Concealed Vertical Rod E-Lock Exit Device

All -03 functions mechanically operate latchbolt by key.

The Temperature Control Module (TCM), included with the electric exit device, reduces the amount of current that flows through lock solenoid. It is required for proper operation.

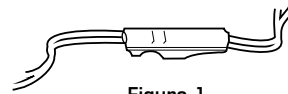


Figure 1

Temperature Control Module

Electrical ratings of TCM

Input voltage	24 volts AC or DC
Output voltage	24 volts DC pulses
Current	1 amp maximum

1 INSTALLING TCM

- 1.1 Shut off power to circuit.

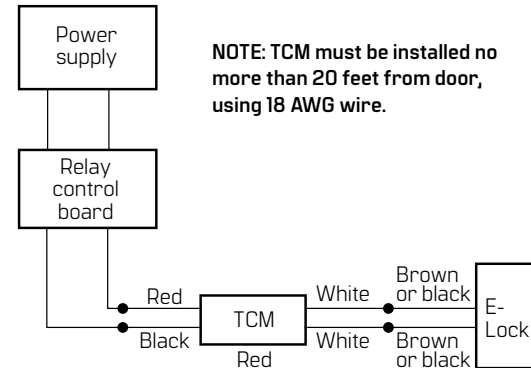
CAUTION! Turn off all power before completing any wire runs or connections.

CAUTION! Ensure all national, state and local electric and fire building codes are understood and followed.

CAUTION! Ensure wires are not routed across any sharp edges or surfaces that could damage wire sleeving or insulation.

- 1.2 Pull wire to device as needed
- 1.3 Connect red (+) and black (-) wires of new style TCM to relay control board or other power source using appropriate connector (see Fig. 2).

Figure 2 Wiring diagram for TCM



Document translations available.

Scan for product details and downloads.

Call 1-800-392-5209 or visit
<https://dhwsupport.dormakaba.com/hc/en-us>
for assistance and warranty information.