

## 7800 SERIES ST7800A,C Plug-In Purge Timer

### INSTALLATION INSTRUCTIONS



### APPLICATION

The ST7800A,C Plug-in Purge Timers provide the prepurge timing for the 7800 SERIES Relay Modules. See Table 1.

### INSTALLATION

#### **WARNING**

**Fire or Explosion Hazard.**  
**Can cause severe injury, death or property damage.**

Perform verification of safety requirements EACH TIME the control is installed to prevent possible hazardous burner operation.

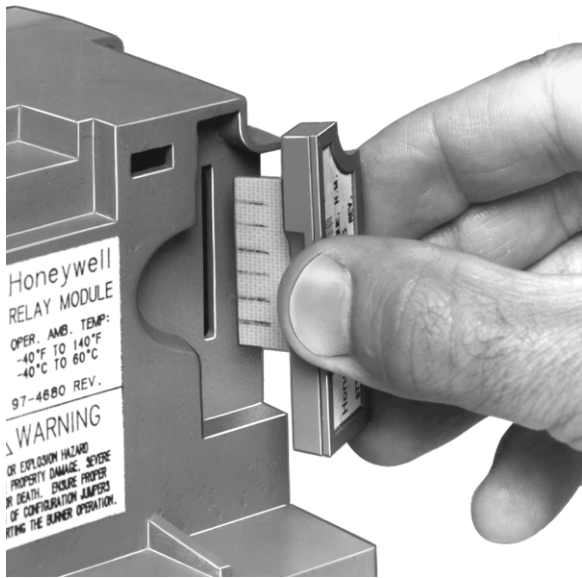
#### **WARNING**

**Electrical Shock Hazard.**  
**Can cause serious injury or death.**

Disconnect power supply before installing Purge Time to prevent electrical shock or equipment damage. More than one power supply disconnect can be involved.

1. Remove the Keyboard Display Module (KDM), Dust Cover, Data ControlBus Module™ or Remote Reset Module.
2. Remove the current ST7800A,C (if installed) from the 7800 SERIES Relay Module by pulling upward on the plastic support cover. See Fig. 1.
3. Make sure the new ST7800A,C selected has the desired timing period. The timing is listed on the device label.
4. Properly orient the plug-in purge timer with the opening in the relay module, and insert the purge timer into the opening of the relay module compartment. See Fig. 1.





**Fig. 1. Purge card installation.**

5. Reinstall the KDM, Dust Cover, Data ControlBus Module™ or Remote Reset Module and restore power to the device. Run the burner system through at least one complete cycle to make sure that the system is operating as desired.

**Table 1. ST7800 Purge Timer Prepurge Timing.**

ST7800A Number	ST7800C Number <sup>a</sup>	Prepurge Timing
ST7800A1005	—	2 seconds
ST7800A1013	ST7800C1003	7 seconds
ST7800A1021	—	10 seconds
—	ST7800C1011	20 seconds
ST7800A1039	—	30 seconds
ST7800A1047	—	40 seconds
ST7800A1054	—	60 seconds
ST7800A1062	—	90 seconds
ST7800A1070	—	2.5 minutes
ST7800A1088	ST7800C1029	4 minutes
ST7800A1096	ST7800C1037	6 minutes
—	ST7800C1045	8 minutes
ST7800A1104	—	9 minutes
—	ST7800C1052	10 minutes
ST7800A1112	ST7800C1060	12 minutes
—	ST7800C1078	14 minutes
ST7800A1120	—	15 minutes
—	ST7800C1086	16 minutes
—	ST7800C1094	18 minutes
—	ST7800C1102	20 minutes
ST7800A1138	ST7800C1110	22 minutes
—	ST7800C1128	24 minutes
ST7800A1146	ST7800C1136	30 minutes
—	ST7800C1144	45 minutes

<sup>a</sup> ST7800C for RM7838C only. A mechanical interlock prevents ST7800A from being installed.

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