Honeywell

7800 SERIES
Plug-In Purge Timer ST7800A,C
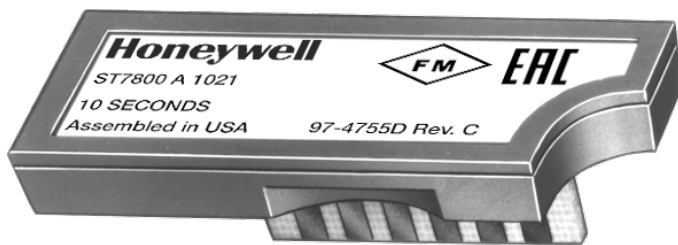
CONTENTS

1 SAFETY

1.1 Please read and keep in a safe place

Please read through these instructions carefully before installing or operating. Following the installation, pass the instructions on to the operator. This unit must be installed and commissioned in accordance with the regulations and standards in force. These instructions can also be found at www.docuthek.com.

1.2 Explanation of symbols
1, **2**, **3**, **a**, **b**, **c** = Action
➔ = Instruction

1.3 Liability
We will not be held liable for damage resulting from non-observance of the instructions and non-compliant use.

1.4 Safety instructions
Information that is relevant for safety is indicated in the instructions as follows:

⚠ DANGER
Indicates potentially fatal situations.

⚠ WARNING
Indicates possible danger to life and limb.

⚠ CAUTION
Indicates possible material damage.
All interventions may only be carried out by qualified gas technicians. Electrical interventions may only be carried out by qualified electricians.

1.5 Conversion, spare parts
All technical changes are prohibited. Only use OEM spare parts.

2 APPLICATION

The ST7800A,C Plug-in Purge Timers provide the prepurge timing for the 7800 SERIES Relay Modules. See page 1 (2.1 Purge Timer Prepurge Timing).

2.1 Purge Timer Prepurge Timing

ST7800A Number	ST7800C Number[1]	Prepurge Timing
ST7800A1005	-	2 seconds
ST7800A1013	ST7800C1003	7 seconds
ST7800A1021	-	10 seconds
-	ST7800C1011	20 seconds

ST7800A Number	ST7800C Number[1]	Prepurge Timing
ST7800A1039	-	30 seconds
ST7800A1047	-	40 seconds
ST7800A1054	-	60 seconds
ST7800A1062	-	90 seconds
ST7800A1070	-	2.5 minutes
ST7800A1088	-	4 minutes
ST7800A1096	ST7800C1037	6 minutes
-	ST7800C1052	10 minutes
ST7800A1112	-	12 minutes
ST7800A1120	-	15 minutes
ST7800A1146	ST7800C1136	30 minutes

[1] *ST7800C for RM7838C only. A mechanical interlock prevents ST7800A from being installed.*

3 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.

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 page 2 (3.1 Purge card installation).

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 page 2 (3.1 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.

3.1 Purge card installation
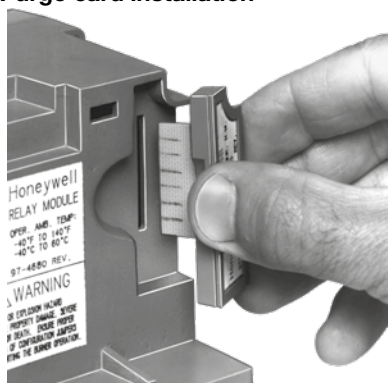
4 CERTIFICATION

4.1 CE approved

CE 0063

Only applicable for EC7820, EC/RM7830, EC/RM7850 and RM7838C1020/2020
– GAR (Gas appliance regulation)
– LVD (Low voltage directive)
– EMC (Electromagnetic compatibility)

4.2 SIL 3 Capable

SIL 3 Capable

SIL 3 Capable in a properly designed Safety Instrumented System.

4.3 Eurasian Customs Union

ЕАС

The products ST7800 meet the technical specifications of the Eurasian Customs Union.

5 DISPOSAL

Devices with electronic components:
WEEE Directive 2012/19/EU – Waste Electrical and Electronic Equipment Directive

At the end of the product life (number of operating cycles reached), dispose of the packaging and product in a corresponding recycling centre. Do not dispose of the unit with the usual domestic refuse. Do not burn the product.

On request, old units may be returned carriage paid to the manufacturer in accordance with the relevant waste legislation requirements.

6 FURTHER INFORMATION

More detailed information can be found in the electronic operating instructions 7800 Series Relay Modules at www.docuthek.com:
– RM7800E,G,L,M
– EC7820A
– RM7830A; EC7830A
– RM7838B,C
– RM7840E,G,L,M
– EC7840L
– RM7845A
– RM7850A; EC7850A
– RM7895A,B,C,D
– EC7895A,C
– RM7896A,C,D
– RM7898A

FOR MORE INFORMATION

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