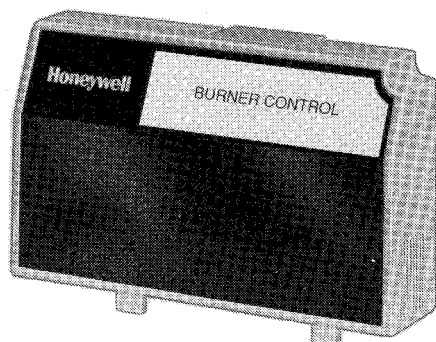# 7800 SERIES
S7820
Remote Reset Module

The Honeywell 7800 SERIES is a microprocessor-based integrated burner control for automatically fired gas, oil or combination of fuel single-burner applications The 7800 SERIES is programmed to provide a level of safety, functional capability and features beyond the capacity of conventional controls. Functions provided by the 7800 SERIES include automatic burner sequencing, flame supervision, system status indication, system or self diagnostics and troubleshooting.

The Remote Reset Module serves as a link between a remote reset switch and the Relay Module. Like the S7800 Keyboard Display Module, it allows the 7800 SERIES Burner Control to be reset from a remote switch, but provides none of the other Keyboard Display Module or DATA CONTROLBUS MODULE™ features.

- Reset **7800** SERIES Relay Module from a remote location.

- Install directly on the front of the 7800 SERIES Relay Module.

- Reset button can be installed up to 1000 feet away.

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65-0095-I

Specifications

ELECTRICAL CONNECTORS (included):
ControlBus 5-Wire Electrical Connector, part no. 203541.

ENVIRONMENTAL RATINGS:
Ambient Temperature:
Operating: -40" F to 140" F (-40" C to 60" C).
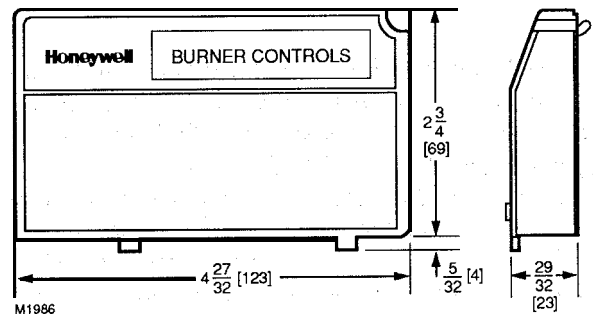Storage: -40" F to 150" F (-40" C to 66" C).
Humidity:
Operating: 85% RH continuous, noncondensing.
Vibration: 0.5 G environment.

DIMENSIONS: See Fig. 1.

WEIGHT: 3 ounces unpacked.

Fig. I-Remote Reset Module dimensions in inches [millimeters].

Ordering Information

When purchasing replacement and modernization products from your 7800 SERIES distributor or refer to the TRADELINE Catalog for complete ordering number.

If you have additional questions, need further information, or would like to comment on our products or services, please write or phone:
1. Your local Honeywell Home and Building Control Sales Office (check white pages of your phone directory).

2. Home and Building Control Customer Satisfaction
Honeywell Inc., 1885 Douglas Drive North
Minneapolis, Minnesota 554224386 (612) 951-1000

In Canada-Honeywell Limited/Honeywell Limitee, 740 Ellesmere Road, Scarborough, Ontario M1P 2V9 International Sales and Service Offices in all principal cities of the world. Manufacturing in Australia, Canada, Finland, France, Germany, Japan, Mexico, Netherlands, Spain, Taiwan, United Kingdom, U.S.A.

Installation

WHEN INSTALLING THIS PRODUCT.. .

1. Read these instructions carefully. Failure to follow them could damage the product or cause a hazardous condition.

2. Check the ratings given in the instructions and marked on the product to make sure the product is suitable for the application.

3. The installer must be a trained, experienced, flame safeguard control technician.

4. Disconnect the power supply before beginning installation to prevent electrical shock and equipment damage. More than one power supply disconnect may be involved.

5. Wiring must comply with all applicable codes, ordinances and regulations.

6. After installation is complete, check out the product operation as provided in these instructions.

HUMIDITY

Install the S7820 where the relative humidity never reaches the saturation point. The S7820 is designed to operate in a maximum 85% relative humidity (RH) continuous, noncondensing, moisture environment.
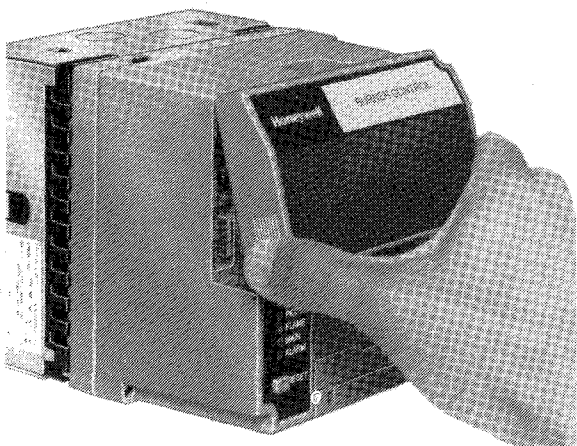
VIBRATION

Do not install the S7820 where it could be subjected to vibration in excess of 0.5G continuous maximum vibration.

WEATHER

The S7820 is not designed to be weather tight. If installed outdoors, the S7820 must be protected by an approved weather-tight enclosure.

MOUNTING THE REMOTE RESET MODULE
(See Fig. 2)
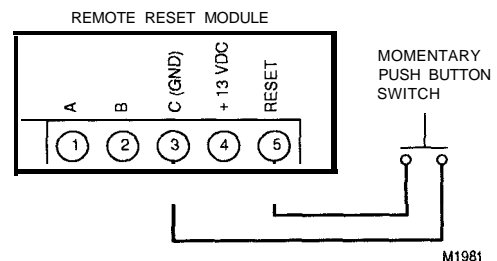
Fig. 2—Mounting the Remote Reset Module.

The S7820A Remote Reset Module mounts directly on the Relay Module to be remotely reset.

1. Align the two interlocking ears of the Remote Reset Module with the two mating slots on the 7800 SERIES Relay Module.

2. Insert the two interlocking ears into the two mating slots and with a hinge action push on the lower comers of the Remote Reset Module to **secure** it to the 7800 SERIES Relay Module.

WIRING

1. Disconnect the power supply from the main disconnect before beginning installation to prevent electrical shock and equipment damage. More than one disconnect may be involved.

2. All wiring must comply with all applicable electrical codes, ordinances and regulations.

3. Use recommended wire size and type of no. 22 AWG or greater twisted pair, insulated for low voltage, which is suitable for wiring the Remote Reset Module.

4. Use recommended grounding practice of connecting the momentary remote reset switch to terminal 3(c) on the Remote Reset Module (see Fig. 3).

Fig. 3-Wiring the Remote Reset Module.

5, Use recommended wire routing of avoiding running line voltage circuits, high voltage wires, and high voltage ignition transformer wires in the same' conduit with the remote reset wiring.

6. Use maximum wire length of 1000 feet to a remote reset switch.

7. Install all electrical connectors.

8. Restore power to the panel.

Checkout

Push the momentary pushbutton switch and make sure that the 7800 SERIES Relay Module resets.