Honeywell

7800 SERIES
S7820 Remote Reset Module

FEATURES

- **Capability to reset 7800 SERIES Relay Module from a remote location.**

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

- **Can be installed directly onto the front of a 7800 SERIES Relay Module.**

NOTE: Many jurisdiction restrict remote resetting of any appliance and require a location that provides line-of-sight viewing of the appliance. Install the S7820 Remote Reset Module in accordance with local requirements.

APPLICATION

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 S7820 Remote Reset Module serves as a link between a remote reset switch and the Relay Module. Similar to 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.

Contents

SPECIFICATIONS

Electrical Connectors (included):
Part no. 203541 ControlBus 5-Wire Electrical Connector,.

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.

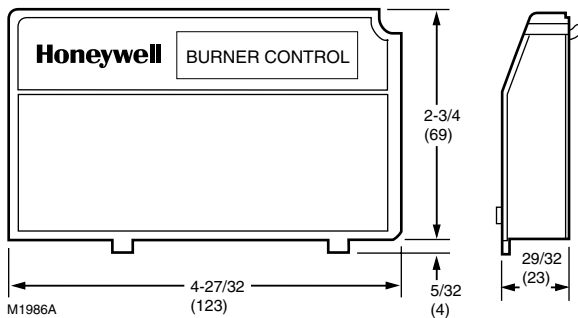**Weight:**
3 ounces (86 grams) unpacked.

Fig. 1. Remote Reset Module dimensions in in. (mm).

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

Vibration

Do not install the S7820 Remote Reset Module where it can be exposed to vibration in excess of 0.5G continuous maximum vibration.

ORDERING INFORMATION

When purchasing replacement and modernization products from your TRADELINE® wholesaler or distributor, refer to the TRADELINE® Catalog or price sheets 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 Home and Building Control Sales Office (check white pages of your phone directory).
2. Home and Building Control Customer Logistics
　 Honeywell, 1885 Douglas Drive North
　 Minneapolis, Minnesota 55422-4386
3. www.honeywell.com/bbc

In Canada—Honeywell Limited/Honeywell Limitée, 35 Dynamic Drive, Scarborough, Ontario M1V 4Z9.
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.

Weather

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

Mounting the Remote Reset Module (see Fig. 2)

Fig. 2. Mounting Remote Reset Module.

The S7820A Remote Reset Module mounts directly on the Relay Module.

1. Align the two interlocking ears of the Remote Reset Module with the two mating slots on the 7800 SERIES Relay Module.
2. Push on the lower corners of the S7820 Remote Reset Module with a hinge action 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 no. 22 AWG or greater twisted pair, insulated for low voltage) that 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).
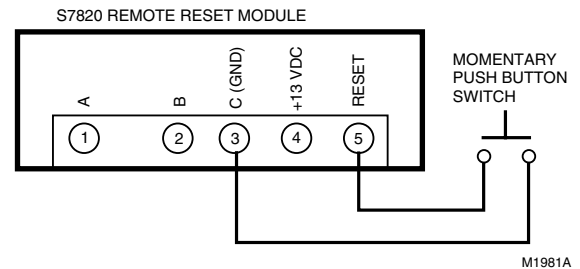

Fig. 3. Wiring Remote Reset Module.

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 (305 meters) 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.

NOTE: Many jurisdictions restrict remote resetting of an appliance and require a location that provides line-of-sight viewing of the appliance. Install the S7820 Remote Reset Module in accordance with local requirements.

65-0095—2 G.R. Rev. 11-98

Printed in U.S.A. on recycled
paper containing at least 10%
post-consumer paper fibers.

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