

**READ AND FOLLOW ALL SAFETY INSTRUCTIONS!
SAVE THESE INSTRUCTIONS AND DELIVER TO OWNER AFTER INSTALLATION**

IMPORTANT SAFETY INSTRUCTIONS

▲WARNING

To reduce the risk of death, injury or property damage from fire, electric shock, cuts, abrasions, falling parts, and other hazards:

- Service of the equipment must be performed by qualified service personnel.
- Installation and maintenance must be performed by a person familiar with the construction and operation of this product and any hazards involved. All applicable codes and ordinances must be followed.
- Read this document before installing, servicing, or maintaining this equipment. These instructions do not cover all installation, service, and maintenance situations. If your situation is not covered, or if you do not understand these instructions or additional information is required, contact *Synergy Lighting Controls*.

▲WARNING

Before installing, servicing, or maintaining this equipment, follow these general precautions.

To reduce the risk of electrocution:

- Make sure the equipment is properly grounded.
- Always de-energize any equipment before connecting to, disconnecting from, or servicing the equipment.

To reduce the risk of fire:

- Use supply conductors with a minimum installation temperature rating as specified.

To reduce the risk of personal injury from cuts, abrasions:

- Wear gloves to prevent cuts or abrasions from sharp edges when removing from carton, handling and maintaining this equipment.
- Do not install a damaged equipment.

Synergy Lighting Controls, a division of *Acuity Brands Inc.*, assumes no responsibility for claims arising out of improper or careless installation or handling of this product.

SAVE THESE INSTRUCTIONS

Before You Start

1. Always disconnect all power.
2. This device is supplied by a Class 2 low voltage transformer. Install in accordance with appropriate codes.
3. Do not mix control and power conductors in the same conduit.
4. Excessive dust may damage this remote station. Install during final finish work.
5. Use only as intended.
6. Use only accessories recommended by Lithonia Control Systems.

Important Remote Station Mounting and Location Notes

1. Ambient Conditions:
 Maximum Ambient Temperature: 104°F/40° C
 Minimum Ambient Temperature: 32°F/0°C
 Relative Humidity: 10-90% Non condensing

Rough In Mounting and Wiring Instructions

1. Install a 2" wide single gang masonry box (RACO #690, Steel City #GW125C) or square corner ring (RACO #782) at the desired location. Remote station frame must be mounted to a grounded back box, or a separate ground conductor must be added. For cut-in locations do not use "F clips", use 2" wide box equal to Caddy MPLS to avoid the circuit board shorting to box. See figure 2.
2. Connect this remote to a single Sequel Series Control Station (SQCS, SQMPCS, SQIDC) or a single Remote Station Interface (SQRSI, SQMPRSI) with (8) Class 2 #18 AWG conductors. Add a spare conductor to this run if total length exceeds 250 feet (80m).
3. Remotes which have the same function can be wired in a daisy chain, or may be home run separately and connected under the same terminal at the control station or interface. See figure 1.
4. Refer to figure 1 (below left) for typical one line wiring details, and to figures 3 - 5 for Lithonia typical interconnection wiring details. Refer to "As Built" drawings for project specific wiring details.

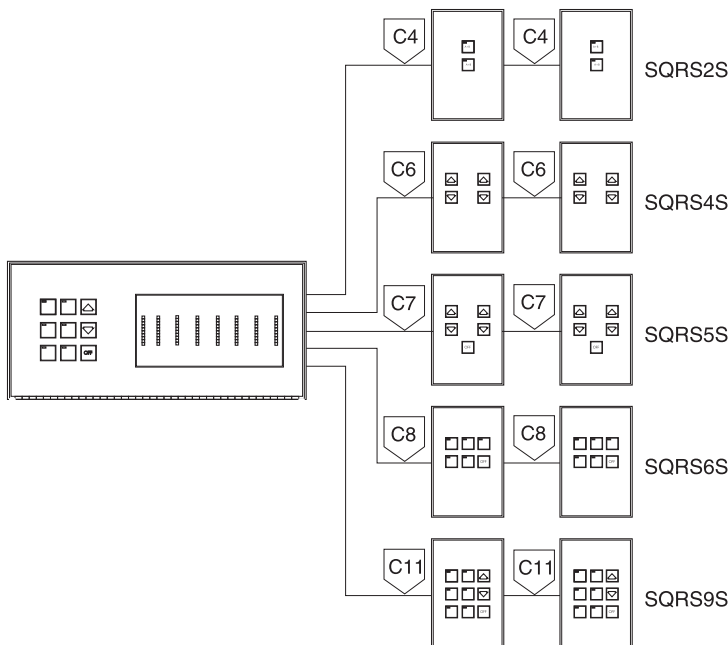


Figure 1

C#

Quantity of Class 2 low voltage individual #18 AWG wires as indicated in the symbol. If multiconductor cable is desired, use Belden 83653, 83662 shielded, low capacitance, **(not twisted)** control cable or equal. A spare conductor is shown in each run to the left for applications with a total wire length of greater than 250 feet (80m).

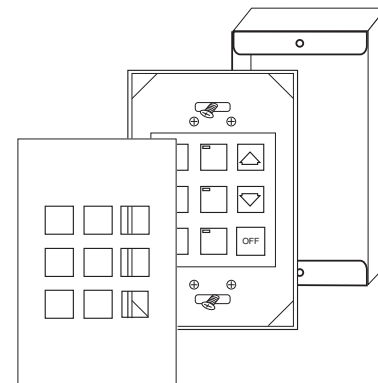


Figure 2 - Exploded View of Remote Station

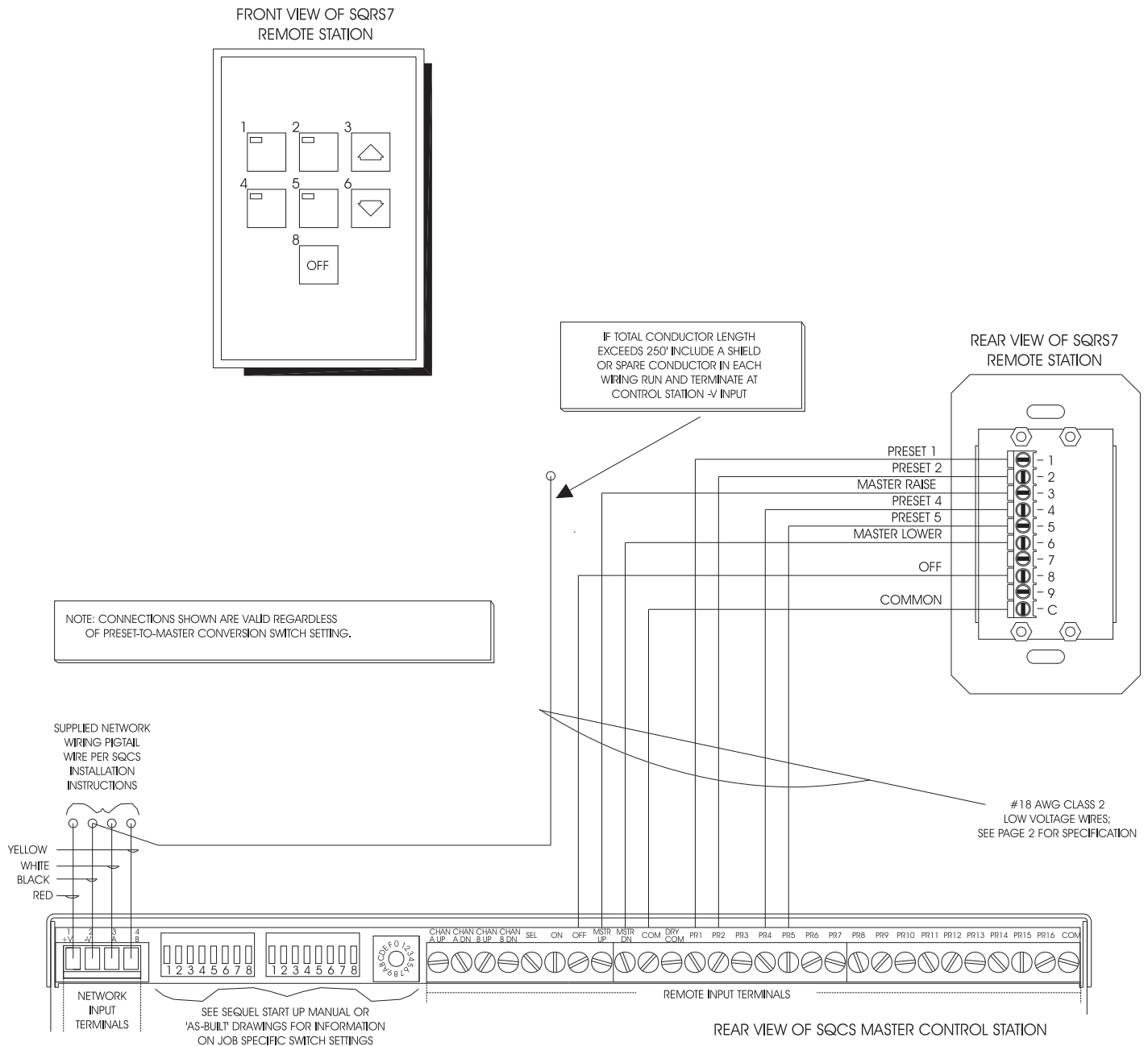


Figure 3 - Sequel Control Station to Remote Control Station Interconnection Wiring Details

Note: See SQRSI Installation Instruction to connect this station to interfaces.

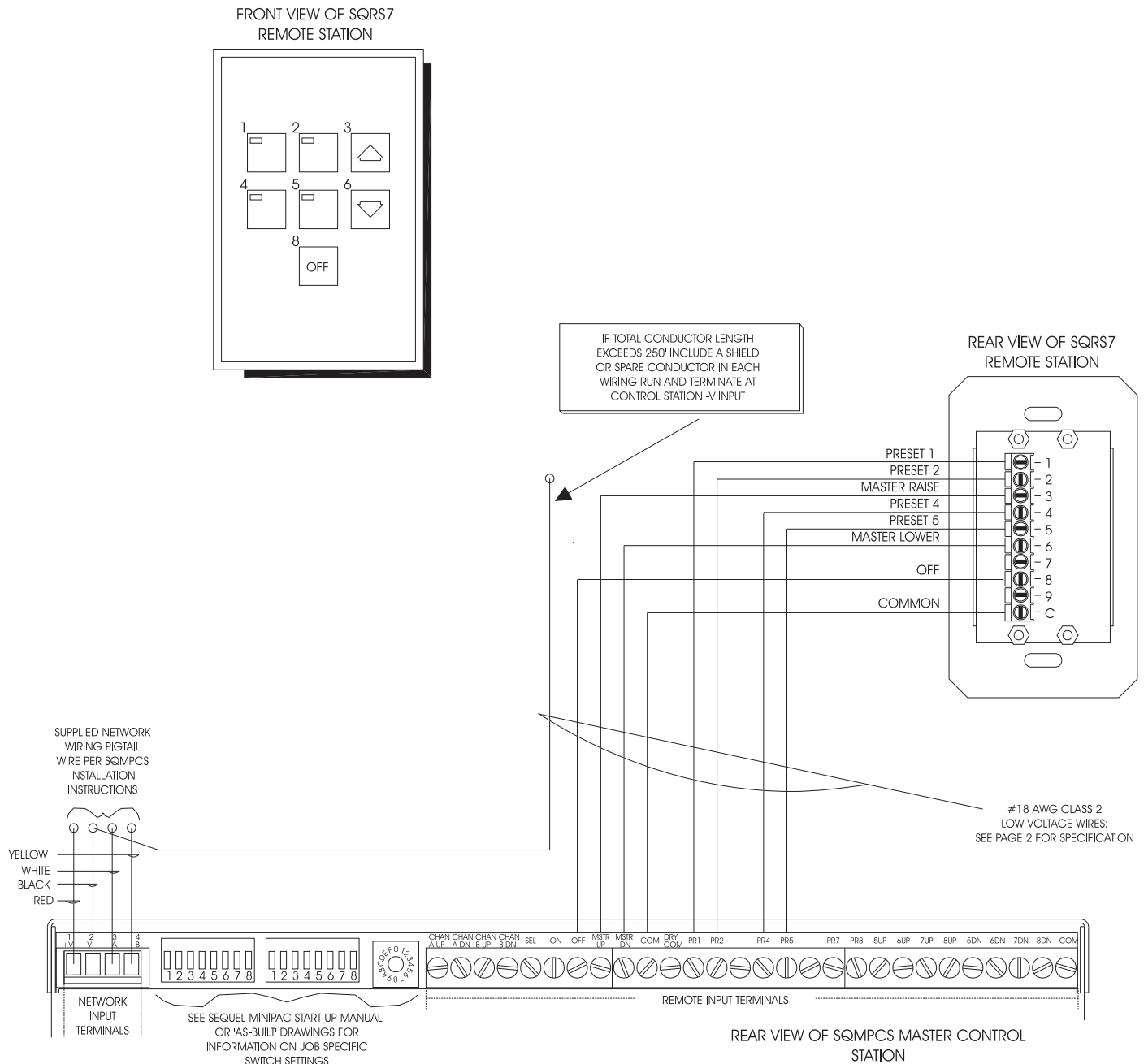
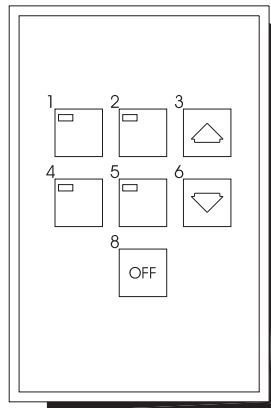


Figure 4 - Sequel Minipac Control Station to Remote Control Station Interconnection Wiring Details

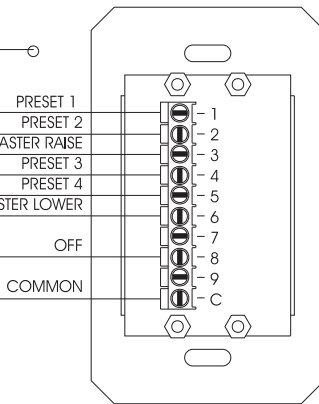
Note: See SQMPRSI Installation Instruction to connect this station to interfaces.

FRONT VIEW OF SQRS7
REMOTE STATION



IF TOTAL CONDUCTOR LENGTH EXCEEDS 250' INCLUDE A SHIELD OR SPARE CONDUCTOR IN EACH WIRING RUN AND TERMINATE AT CONTROL STATION -V INPUT

REAR VIEW OF SQRS7
REMOTE STATION



SUPPLIED NETWORK WIRING PIGTAIL WIRE PER SQIDC INSTALLATION

#18 AWG CLASS 2 LOW VOLTAGE WIRES; SEE PAGE 2 FOR SPECIFICATION

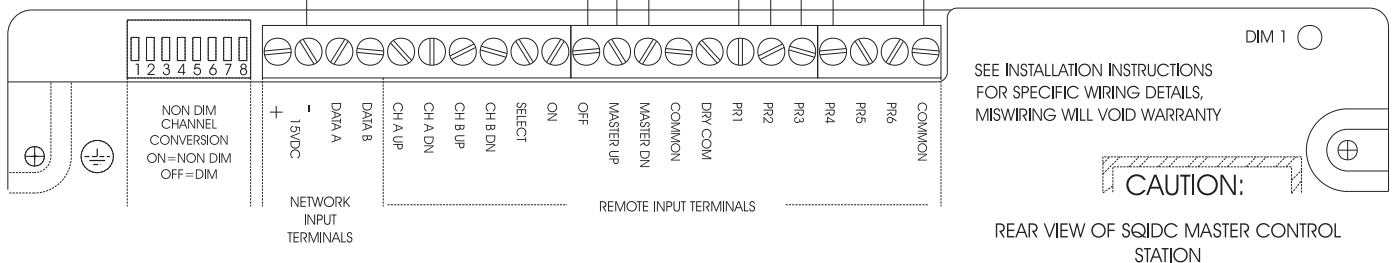


Figure 5 - Sequel IDC Control Station to Remote Control Station Interconnection Wiring Details

Note: See SQIDC Installation Instruction to connect this station to interfaces.