SILENT KNIGHT

by Honeywell

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 04/26/18

RBB Accessory Cabinet Installation Instructions

The RBB is an accessory cabinet that can be used if your main control panel backup batteries are too large to fit into the main control panel cabinet.

Specifications

Mounting: Surface
Cabinet Dimensions: 16”W x 10”H x 6”D (406 mm W x 254 mm H x 152 mm D)
Cabinet Storage: Holds up to two batteries, each with maximum dimensions as follows– 7.70”W x 8”H x 5.5”D (196 mm W x 203 mm H x 140 mm D)

Installing the RBB

To properly install the accessory cabinet and backup batteries, follow these steps:

1. Mount the accessory cabinet. See figure Figure 1 for the four cabinet mounting holes.
   - If mounting onto drywall the accessory cabinet must be mounted onto 3/4-inch plywood. This is necessary because the weight of the batteries inside the accessory cabinet could cause the cabinet to pull away from the drywall.
   - When mounting on concrete, especially when moisture is expected, attach a piece of 3/4-inch plywood to the concrete surface and then attach the RBB cabinet to the plywood.
   - If using the battery cable extenders provided (P/N 140643), mount the RBB cabinet no more than 18" away from the main control panel cabinet. This will ensure that the battery cables reach the battery terminals.

Figure 1: RBB Cabinet Mounting Holes

2. Connect the main control panel battery cables to the battery cable extenders as shown in Figure 2.

Figure 2: Splicing Control panel Battery Cables

3. Run extended battery cable from control panel cabinet through conduit to RBB cabinet. See Figure 3.

Figure 3: Battery Connections in the RBB Cabinet

Note: *Figure 3 is an example of how the wire connections can be routed. However, any other cabinet knock-outs (on either the main control panel or the RBB cabinet), that are not previously being used may be utilized to connect conduit between the two cabinets.*

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4. Connect battery leads to the backup battery terminals. See Figure 3.

   Observe the proper polarity to prevent damage to the batteries or the control panel.

5. Insert the RBB cover screws into the cover mounting holes. See Figure 3.

   Screw the cover screw 3/4 of the way into the cover mounting hole.

6. Align the cover plate mounting keyhole over the cover mounting screws. See Figure 4.

Figure 4: Cover Plate Mounting Keyholes and Cover Mounting Screws Alignment

7. Slide the cover into place and tighten the cover mounting screws. See Figure 4.

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