



Installation Instructions

Part No. 30RC70000301

SAFETY CONSIDERATIONS

Installation of this accessory can be hazardous due to system pressures, electrical components, and equipment location (such as a roof or elevated structure). Only trained, qualified installers and service technicians should install, start-up, and service this equipment.

When installing this accessory, observe precautions in the literature, labels attached to the equipment, and any other safety precautions that apply:

- Follow all safety codes
- Wear safety glasses and work gloves
- Use care in handling and installing this accessory

It is important to recognize safety information. This is the safety-alert symbol: . When you see this symbol on the unit and in instructions or manuals, be alert to the potential for personal injury.

Understand the signal words DANGER, WARNING, CAUTION, and NOTE. These words are used with the safety-alert symbol. DANGER identifies the most serious hazards which **will** result in severe personal injury or death. WARNING signifies hazards which **could** result in personal injury or death. CAUTION is used to identify unsafe practices, which **may** result in minor personal injury or product and property damage. NOTE is used to highlight suggestions which **will** result in enhanced installation, reliability, or operation.

WARNING

Electrical shock can cause personal injury and death. Shut off all power to this equipment during installation and service. There may be more than one disconnect switch. Tag all disconnect locations to alert others not to restore power until work is completed.

INTRODUCTION

The ground fault interrupter convenience outlet (GFI-CO) accessory provides two auxiliary 115-v, 60 Hz outlets for hand tools, lights, and other devices. The GFI-CO also cuts power to the outlets in the event of a ground fault and includes test and reset switches for this feature. See Table 1 for the contents of the GFI-CO accessory package.

Table 1 — Accessory Package Contents

ITEM	P/N	QTY.
GFCI (GFI-CO)	HY01GF001	1
Wire Harness	30RCHAAAV--A00	1
Wire Tie	HY76TB110	1
5A Circuit Breaker	HH83ZB010	1
GFI Label	38APLSCAG--A00	1
Screw #8-32 Trilobe 1/2	AL04U166	1

The 30RC units accept one GFI-CO accessory. The accessory kit provides all necessary wires for accessory installation.

NOTE: There is a 5-amp limit for the convenience outlet.

INSTALLATION

1. Inspect package contents for missing or damaged parts. File a claim with the shipping agency if parts are damaged, and notify your Carrier representative if any item is missing.
2. Open and tag all electrical disconnects.
3. Open the unit control box door.
4. Install the GFI-CO in the location shown in Fig. 1 or 2 by using the screws provided to screw the GFI-CO in place.
5. Install the 5A mini circuit breaker (P/N HH83ZB010) in the location shown in Fig. 1 or 2 by inserting into the proper hole and snapping it into place.
6. Locate wire harness (P/N 30RCHAAAV--A00) in the accessory kit, referring to Fig. 3. Connect the black wire labeled TRAN3-XF to terminal XF on transformer 3. Connect the white wire and the green/yellow wire labeled TRAN3-X3 to terminal X3 on transformer 3.
7. Referring to Fig. 3, connect the black wire labeled CONV OUT L to the brass screw terminal on the top right side of the GFI-CO. Connect the white wire labeled CONV OUT N to the silver screw terminal on the top left side of the GFI-CO. Connect the green/yellow wire labeled CONV OUT GND to the green ground screw on the GFI-CO. Connect the other end of the green/yellow wires labeled SHT METAL to the hole near the GFI-CO mounting location using the screw provided in the kit.
8. Referring to Fig. 3, connect the black wire labeled CB17-BOT to the bottom side of mini circuit breaker CB17. Connect the black wire labeled CB17-TOP to the top side of mini circuit breaker CB17.
9. Place GFI Label (P/N 38APLSCAG--A00) in a location near the GFI outlet.
10. Ensure that electrical connections are tight. Remove tags and locks from disconnects. Restore power to the unit.
11. Test the GFI-CO by pressing its test button and checking for power at the outlet. If the accessory is incorrectly wired, the GFI-CO may not trip and power may be present at the outlet. If power is present, disconnect all power to the unit, correct the accessory wiring, reconnect unit power, and retest outlet.
12. When the GFI-CO trips and no power is present at outlet, restore circuit by pressing "Reset" button on the GFI-CO.
13. Close the control box door.

NOTE: After the GFI-CO is installed, periodically test the ground fault feature as described in preceding Steps 11 and 12.

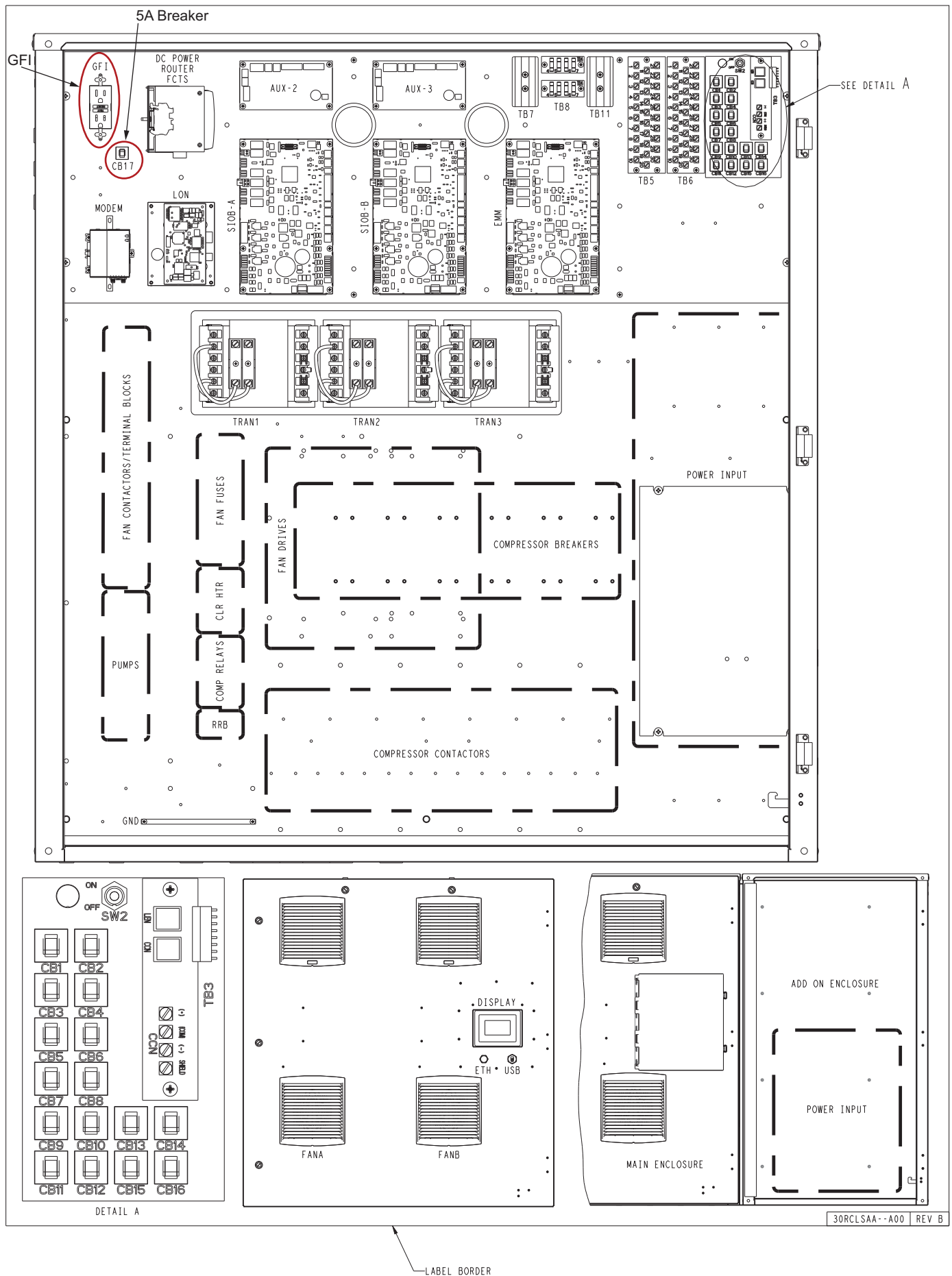


Fig. 1 — 30RC065-152 Small Main Control Box

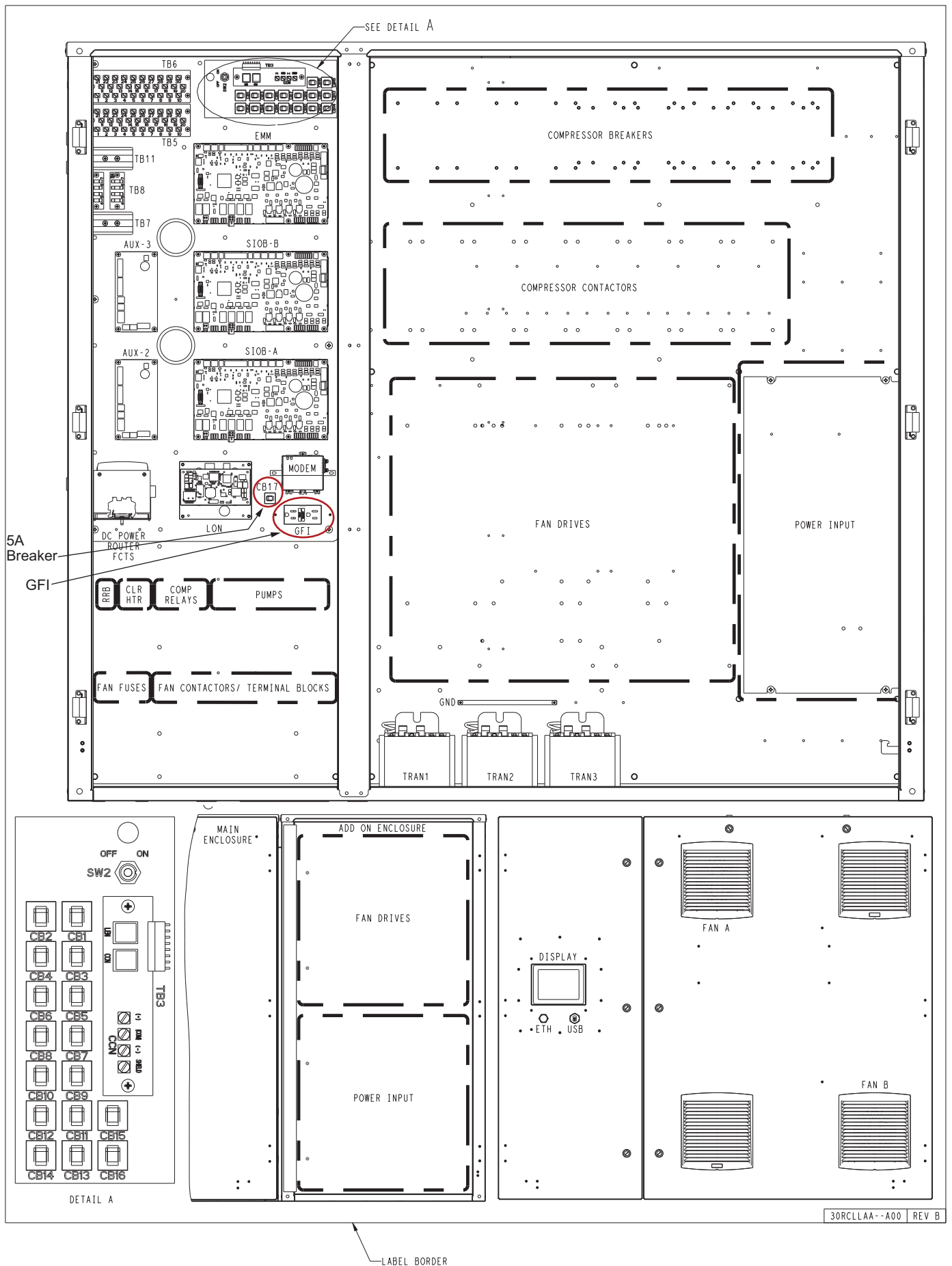
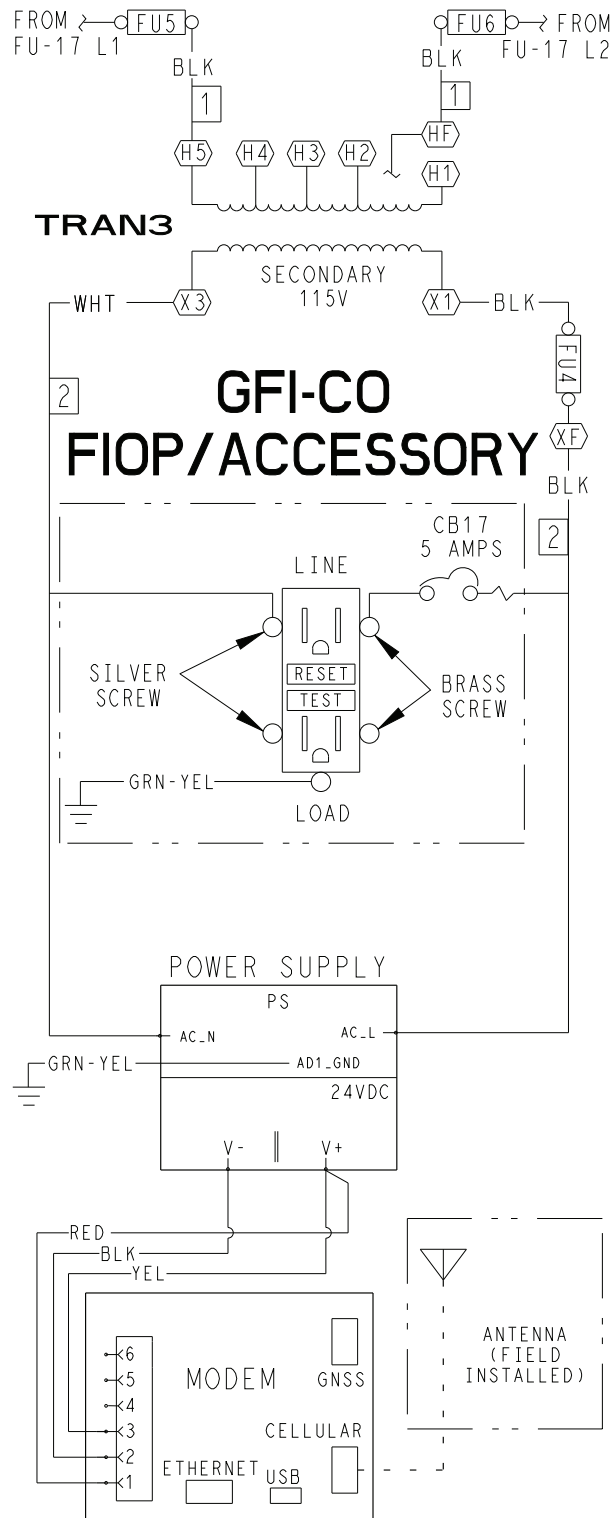


Fig. 2 — 30RC065-252 Large Main Control Box



VOLTAGE	TERMINAL CONNECTIONS FOR PRIMARY SIDE	TERMINAL CONNECTIONS FOR SECONDARY SIDE
575-3-60	H1-H5	XF-X3
230-3-60	H1-H2	XF-X3
208-3-60	H1-H2	XF-X3
460-3-60	H1-H4	XF-X3

Fig. 3 — GFI-CO Wiring Diagram