

Front Panel Security Switch Installation Kit 300-5444

PURPOSE OF KIT

This instruction sheet describes the installation of a software Security switch on OTPC and BTPC transfer switches.

When in the locked position, this switch disables the Override and Test switch panel pushbuttons, and prevents changing operating setups using the Digital Display menu system.

SAFETY PRECAUTIONS

Read these instructions completely and become familiar with safety warnings, cautions, and procedures before starting the installation.

⚠ WARNING *AC power within the cabinet and the inside the the cabinet door presents a shock hazard that can cause severe personal injury or death. Use extreme caution to avoid touching electrical contacts when the cabinet door is open. Remove power to the door by disconnecting connectors J1/P1 and J10/P10 located on the cabinet door or on the control plate near the motor disconnect switch. The following procedures are to be performed only by trained and experienced personnel.*

⚠ WARNING *Use extreme caution to avoid touching electrical contacts when the cabinet door is open. Do not wear long hair, damp clothing, or jewelry. Use insulated tools, stand on a dry rubber mat or wood platform and wear safety glasses.*

KIT PARTS

Prior to installation, verify receipt of the proper parts from the table below.

Part Description	QTY.
Leads, Wire	2
Switch, Selector	1

The selector switch (S20) is equipped with 2 keys, adaptor ring and a face plate.

INSTALLATION

1. Disconnect both sources of AC power to the transfer switch.
2. A pre-cut hole is provided on the cabinet door for the switch. Remove the nylon grommet protecting the cut-out.
3. Attach wire leads to terminals 3 and 4 on the side of switch.
4. Dissassemble the switch and install the switch, adaptor ring and face plate into the cut-out.
5. Tighten the adaptor ring snug against the cabinet door.
6. Install the contact block.

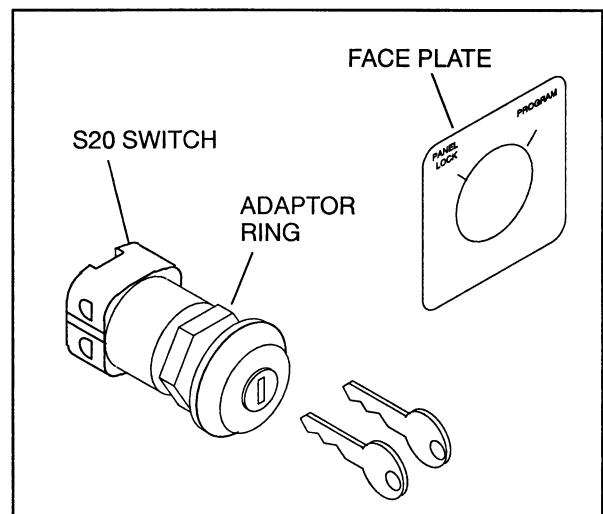


FIGURE 1. SECURITY SWITCH ASSEMBLY

7. Route wire leads to J27 on the Digital module (Figure 2).
8. Attach lead ends to J27 as follows.

S20-3 to J27-5	S20-4 to J27-11
----------------	-----------------

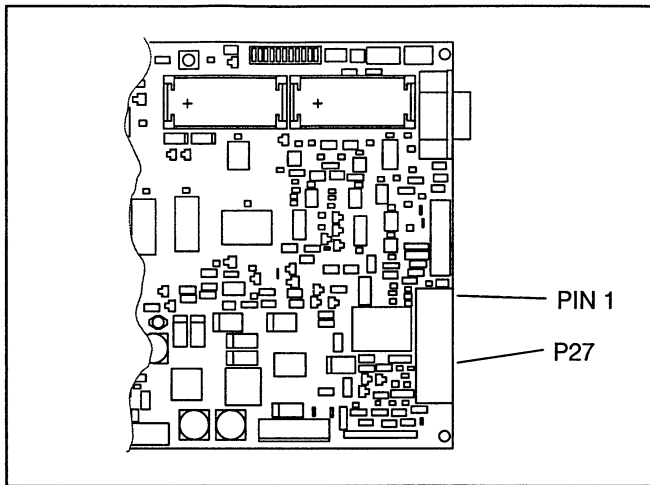


FIGURE 2. DIGITAL MODULE

9. Reconnect wire harnesses and close the cabinet door. Restore AC power to the transfer switch.

OPERATION

When the switch is in the Panel Lock position, it disables the front panel input switches; Test and Override. It also prevents changes being made to the setup menus using the Digital Display; however, current values can be displayed. Modifications can be made when the switch is in the Program position.