

WashPay Card Terminal Retrofit Installation Instructions

The Card Terminal will be installed in each wash bay. The Card Terminal comes with four pre-drilled holes in the back of the enclosure, allowing it to be surface-mounted, or it can be recess-mounted into a pre-cut hole in the wall of the wash bay. The WashPay Card Terminal is powered from the 24VAC power from the existing equipment in the wash bay.

Card Terminal Specifications	
Dimensions	10.63" W x 7.56" H x 3.28" D
Weight (approximate)	11 lbs
Power	24VAC, 60Hz
Enclosure	Stainless Steel

Follow these steps to install the WashPay Card Terminal:

1. Disconnect all power routing to existing equipment.
2. Using the Card Terminal dimensions shown in Figure 1, determine where to mount the Card Terminal. Make sure the mounting location is a solid surface
3. Mount the Card Terminal by either attaching it to the wall surface or recess-mounting it into a pre-cut hole (determined by the dimensions in Figure 1).

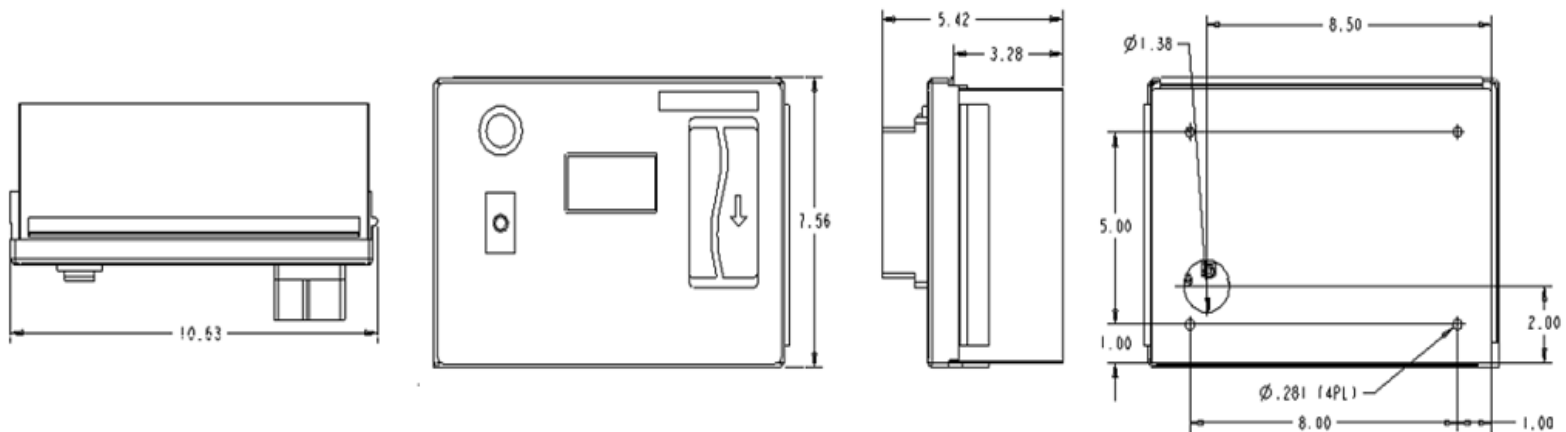


Figure 1. WashPay Card Terminal Dimensions

4. Connect the timed load wiring to the 3-pin terminal block, as shown in Figure 2, Figure 3, and Table 1.
5. Connect the timer and coin/bill acceptor wiring to the 5-pin terminal block on the Card Terminal distribution board, as shown in Figure 2, Figure 3, and Table 2.
6. Pull a CAT5E cable from the patch panel in the office/equipment room to the Card Terminal. The CAT5 cable should not exceed 300 feet in length.
7. Assemble the Tool-less RJ-45 connector onto the end of the CAT5 cable (follow the instructions included in the kit or from Appendix B). Make sure to use the “B” pin-out configuration and that it matches the pin-out configuration of the other end of the CAT5 cable that is plugged into the patch panel.
8. Plug the existing RJ-45 plug inside the Card Terminal into the Tool-less RJ-45 connector.

Please refer to the following documentation for complete operation instructions and for installation instructions for other WashPay components. These documents are shipped with the Site Controller:

- WP1001 WashPay Site Server Installation Manual**
- WP1002 WashPay Operations Manual**
- WP1003 WashPay Quick Start Guide**

Table 1. Three-Pin Terminal Block Wiring for Card Terminal

Name	Description
System Power In	If a different voltage level is needed to be output from the System Power Out terminal, it should be connected here. If the same voltage applied to the 24V Input on the 5 pin terminal blocks to be output, then this terminal should not be connected.
System Power Out	When the minimum amount of payment is deposited in to the WashPay Card Terminal, it will apply power to this output. By default, the voltage applied to this output will be the same voltage applied to the 24V input on the 5 pin terminal block. (typically 24VAC).
System Power Com	This is the Common of the voltage output from the System Power Out terminal.

Table 2. Five-Pin Terminal Block Wiring for Card Terminal

Name	Description
Coin Pwr	This is a switchable 24V source that the WashPay Card Terminal can use to enable/disable the coin/bill acceptor.
Coin 1 In	This is the Primary pulse input from a coin/bill acceptor. If only one cash input device is being used, it must be connected to this input.
Coin 2 In	This is the Secondary pulse input from a coin/bill acceptor. If the meter box has a second coin or bill acceptor it can be connected to this input.
24V	24V Hot to power the WashPay device.
Common	24V Common to power the WashPay device.

⚡ Important: Follow local electrical codes!

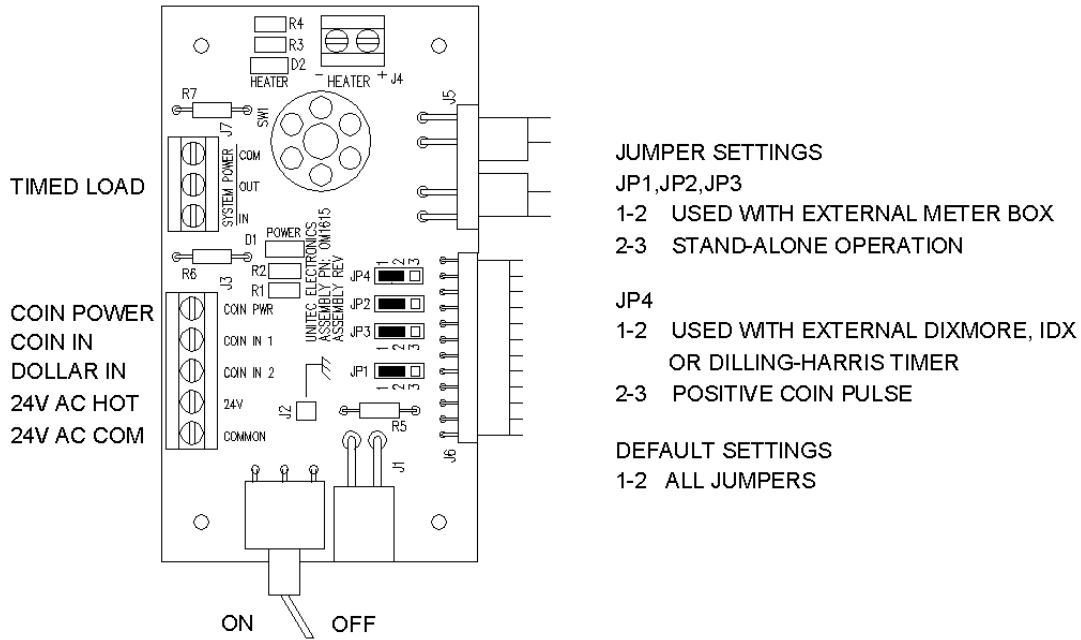


Figure 2. WashPay Card Terminal Wiring

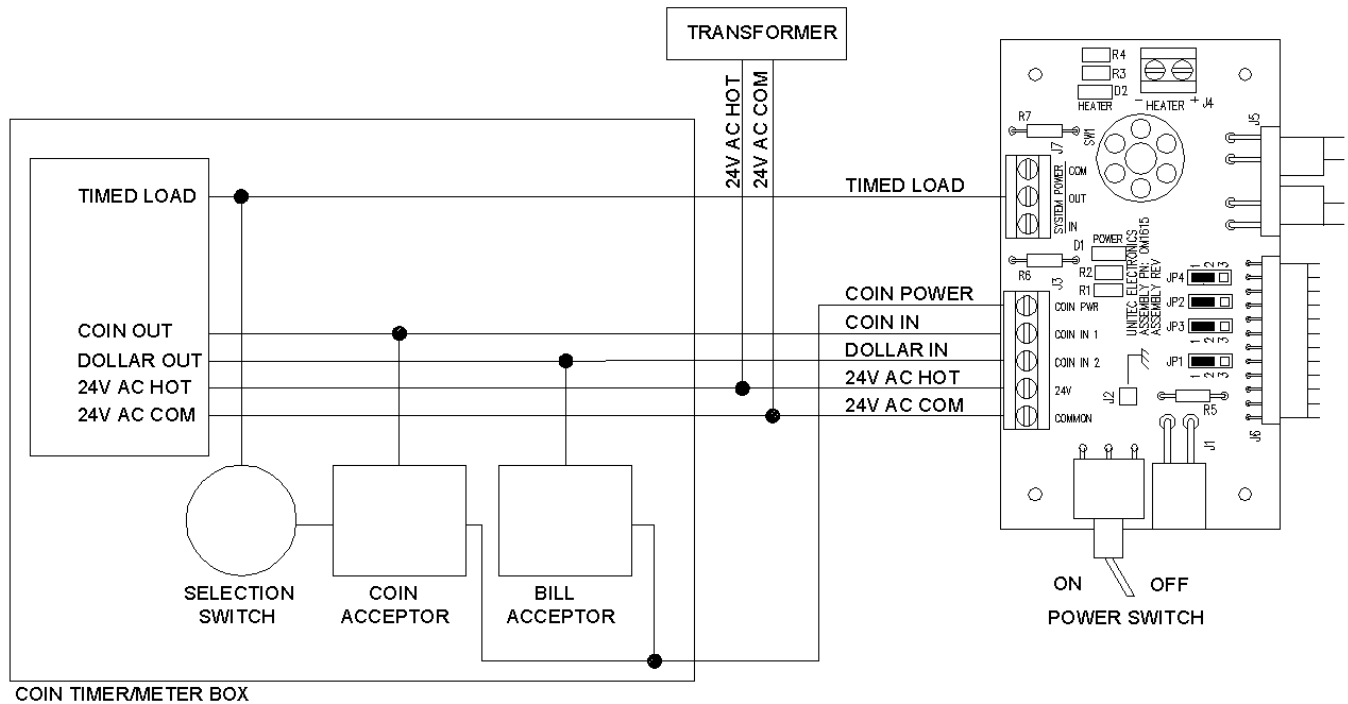


Figure 3. Coin Timer/Meter Box to Card Terminal Wiring