
BPS Programmer Manual

For 23214992 Panel Assembly

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Parts Included

23192021	BPS Programming Panel
23193021	BPS Program Panel Cable

Procedure

Open cover to access PLC.

Plug Cable into Programming Panel and then into PLC port 1 or 2.

NOTE: The panel can be connected and disconnected to the PLC without turning off power to the PLC.

After the Panel has powered up, the Run Timers screen will be displayed.

Adjusting Run Timers

The Run Timers screen will be shown by pressing the Run Timer button below the screen or by pressing the F1 block at the bottom of the screen. These settings control how long the blower for that direction will run so that the move can be completed. The Run Timers can be adjusted from this screen by touching inside the box that is displaying the present time setting on the screen. When the display box is pressed, a numeric entry pad will appear. The present setting can be erased by pressing the box marked CL (Clear) or by pressing the BS box (Back Space) until the numbers are cleared. The new setting can then be entered by pressing the appropriate numbers on the number pad, then pressing ENT (Enter). If you need to return to the original setting and ENT has not been pressed yet, press the ESC (Escape) box. When the ENT box is pressed, the setting will be changed and the screen will again display both Run Timers. The settings for each of the Run Timers must be set to or between 5.0 seconds and 60.0 seconds or the warning that the “Entered value is above High limit” or “below Low limit” will be displayed. To clear this warning, press the screen inside the warning box.

Adjusting Door Timers

To change to the Door Timers screen, either press the Door Timer button below the screen or press the F2 block at the bottom of the screen. These settings control how long power is sent to the Door motor to open or close the Door. Changing the settings is performed in the same manner as stated above. The setting limits for the Door Timers are from 2.0 seconds to 10.0 seconds.

Adjusting the Door / Blower Delay Timer

To access the Door and Blower Delay Timer, press the Delay Timer button below the screen or the F3 block at the bottom of the screen. This setting is used to delay the Customer Door from opening and also for the time delay between starting a second move so that the blowers can stop rotating. The settings are changed the same way as before with time limits from 2.0 seconds to 8.0 seconds.

Viewing the Cycle Counter

To view the Cycle Counter, press the Cycle Counter button below the screen or the F4 block at the bottom of the screen. The Cycle Counter will display the total number of cycles the PLC has run up to 12 digits. Each count will consist of one send move and a recall move.

For further questions or help, contact the Factory at 513-677-0500.