

U30 Programming for the Convenience Window: The settings for the U30 control in the convenience window have been set at the factory for proper and safe operation. These settings should not be altered. The only time these settings would need to be re-entered is if the U30 control is being replaced. These settings are listed on the other side of this sheet.

Determining Correct Handing: With the power turned off, place the moving panel somewhere between opened and closed. Turn the power on. The sliding panel should move slowly to the closed position. If the panel moves to the open position, the handing must be reversed. This is done using the Handy Terminal. Go to the "Special Functions" heading and select "Y". Then go to "Recycle" (See the other side of this sheet to find this setting). Changing this setting will reverse the sliding panel movement.

Setting the Stroke: Follow these steps as prompted by Handy Terminal messages to initially set up the stroke of the sliding panel.

When the message reads "SLIDE/SWING/STRK", move the cursor to the "Y" position and press ENTRY.

When the message reads "SWING DOOR Y N", ensure the cursor is over the "N" and press ENTRY.

When the message reads "FULL OPEN POINT PRESS TEST", manually slide the panel to the full-open point and press TEST. The panel will slowly close while the control measures the stroke.

When the unit has completed this initial stroke setup, the display will read "STD FUNCTION Y N". At this point all settings listed on the other side of this sheet should be entered. To see the sliding panel in action with the memorized settings, press TEST. The sliding panel will open, hold for approximately 2 seconds, then close. At this point the Handy Terminal can be unplugged and the sliding panel can be operated using the push plate. This completes the setup.

Trouble Shooting: The U30 control can detect, react to, and display (through the Handy Terminal) a number of errors. Below is a list of error messages and fixes that could occur in use with a convenience window.

Error Message	Meaning	Sliding panel Behavior	Resolution
ROM ERROR	Internal ROM Error There is an internal memory error.	Sliding panel does not work at all.	Reset U30 Controller by turning 120 VAC off then on again OR connect Handy Terminal & clear error message
ERROR RESET AGAIN	Communication Error Communication between U30 Controller and Handy Terminal is not taking place.	Control does not retain new settings from Handy Terminal.	Reset U30 Controller by turning 120 VAC off then on again. If problem persists the cables, control and/or Handy Terminal might be defective. Tip: Try using Handy Terminal and/or harness on a different sliding panel.
EEPROM ERROR	EEPROM Error There is an internal memory error.	Sliding panel does not work at all.	Reset U30 Controller by turning 120 VAC off then on again OR connect Handy Terminal & clear error message
ERROR_4	Electric Lock Error Activation device was signaling the control to open sliding panel but the lock prevented opening ten times in a row.	Sliding panel does not work at all.	Reset U30 Controller by turning 120 VAC off then on again OR connect Handy Terminal & clear error message
ERROR_5	Recycle Error Recycle was detected more than three times at same position continuously.	Sliding panel works normally.	Reset U30 Controller by turning 120 VAC off then on again OR connect Handy Terminal & clear error message

Above error codes might have been generated as the result of a hardware problem. If resetting the software as described above does not resolve the problem, the cause of the hardware malfunction must be determined and corrected.

For more details on errors and programming of the U30, see the U30 PROGRAMMING MANUAL P.N. 15-9000-30

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Table of Factory Settings and Available Functions: For the Setup of Convenience Window Only

Adjustable Function		Factory setting	Options
Standard Functions	Opening speed	6	Range 0 - 7
	Closing speed	2	Range 0 - 7
	Time delay	2	Range 0 - 7
Feeling Adjustments	Start power	7	Range 0 - 7
	Check power	7	Range 0 - 7
	Reaction power	4	Range 0 - 7
	Back-check speed	3	Range 0 - 3
	Latch-check speed	3	Range 0 - 3
Special Functions	Hold close	N	Yes or No
	Holding beam	N	Yes or No
	Power on	0	Range 0 - 3
	Manual opening	0	Range 0 - 3
	Reduced opening	N	Yes or No
	Recycle (See "Determining Correct Handing" on other side of this sheet)	Y/N	Yes or No
	Recycle sensitivity	0	Range 0 - 3
	After recycle	Y	Yes or No
	Auxiliary output 1	3	Range 0 - 3
	Output timer 1 ^{<1>}	3	Range 0 - 3
	Extended time delay	0	Range 0 - 7
Extra Functions	Sidelite Sensor Option - FUNCTION (1) ^{<2>}	Y	Yes or No
	Back-check position - FUNCTION (11) ^{<2>}	0	Range 0 - 3
	Latch-check position - FUNCTION (12) ^{<2>}	0	Range 0 - 3
	Auxiliary output 2 - FUNCTION (13) ^{<2>}	3	Range 0 - 3
	Output timer 2 - FUNCTION (14) ^{<2>}	0	Range 0 - 3
	Incremental Open Speed Adjustment - FUNCTION (21) ^{<2>}	0	Range 0 - 7
	Incremental Close Speed Adjustment - FUNCTION (22) ^{<2>}	0	Range 0 - 7

- <1> Output timer 1 selection is required only when selecting 0 or 2 on the Auxiliary output 1.
Output timer 2 selection is required only when selecting 2 on the Auxiliary output 2.
- <2> This function only available with blue Handy Terminal