NABCO ENTRANCES TECHNICAL BULLETIN

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GT1175 Sliding Door with U30 Control - Software Revision D

The U30 control has undergone some significant software enhancements. Refer to the picture below. The letter "D" at the end of the serial number identifies a U30 control with this software. The part number remains the same: 24-8901-30.

Following is a summary of the changes:

- Extra Functions (1) to (4): Activation from: interior sensor (F1), exterior sensor (F2), holding beam (F3) or sidelight sensors (F4) can now be achieved from either Normally Open or Normally Closed contacts. (factory default is N = OPEN)
 - **Extra Function (5)**: Since the U30 control is also used with the GT1500 Convenience Window, the Recycle Sensitivity adjustment now has a special setting for this product. (factory default is N = GT1175)

Extra Function (13): Terminal 11 on the U30 was previously used exclu-

sively as a sidelight sensor input. It now has three different programming options. Settings 0-3 are as follows: (factory default is 1)

2.

3.

- Setting 0 or 1: Sidelight Sensor A signal causes the door to not open (setting 0) or open at creep speed (setting 1).
- Setting 2: Emergency Close and Lock A signal on this input causes the door to ignore all sensors and immediately close. The electric lock will also engage if so equipped. Normal operation is resumed on release of signal.

Setting 3: All Mode Activation - A signal on this input causes the door to open in any rocker switch position except OFF. This is useful for activation of the door by card reader, exterior key switch, or remotely while in any rocker switch mode except OFF.

4. Extra Function (23): Terminal 15 on the U30 is used for the Auxiliary Transistor Output # 2. It now has seven different programming options: (factory default is 3)

	Zero:	Signal at Full Open: The transistor will turn on at the full open position.
	One:	Air Lock option: This will instruct the transistor to turn on to prevent a second door from opening until the first door is closed, in a passageway situation.
	Two:	Sequential Door Operation: This will instruct the transistor to turn on thereby sequentially activating a second door for a set time period. This requires adjusting "Output Timer 2" to select the time delay between the first and second door operations.
	Three:	Signal at Full Closed: The transistor will turn on to indicate a fully closed position.
new New	Four:	Breakout: The transistor will turn on if the door is broken out.
	Five:	Breakout or Door open condition: The transistor will turn on if the door is broken out OR if the door is not fully closed.
	Six:	Error Detection: The transistor will turn on if the U30 detects any error except Error 5 (recycle error).
NEW	Seven:	No Output

- 5. Error 4 Message on Handy Terminal Electric Lock Error can now be reset by any of the following methods: Reset U30 Controller by turning 120 VAC off then on again OR connect Handy Terminal & clear error message OR Turning ON/ OFF switch OFF then ON again OR opening then closing panic breakout circuit.
- 6. Automatic reset of encoder count The software in the U30 has been fine tuned to recover form Recycle errors due to slamming caused by belt jumping or obstructions. It does this by automatically moving the door panels to the full open position and resetting the encoder count after three continuous obstructions. The door will then resume normal operation based on current rocker switch settings.

Shipment of this new control will begin within the next week or so. More detailed information can be found in the new revised U30 Programming Manual P/N 15-9000-30 available on our web site at: NabcoEntrances.com

END





Revision D