

## Switch Boxes

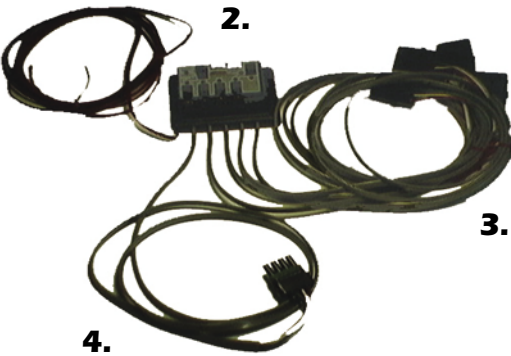
### Design Features and Operation:

- Control switches for EH2, EH3, and EH4 actuators
- Up to 5 ON/OFF and 1 rate control valve with master ON/OFF
- 12' Power lead
- "On/Off" 5' cord with sealed terminals
- 25' Extension cord available



1.

1. 25' Extension cord
2. "SX" Switch Box
3. "ON/OFF" 5' cord (60A, 55 or 60 wiring)
4. 50 (4-wire) or 50K (2-wire) flow control with ring
5. 12' Power Lead



5.

2.

3.

4.

### Replacement Part Numbers

Part Number	Description
EHPT-157	EHSX switchbox and cover
EHPT-388	SPDT rocker switch
EHPT-390	DPDT paddle switch for flow control
EHPT-391	Mini spade fuse, 5 Amp
EHPT-393	Mini spade fuse, 10 Amp
EHPT-395	25' Extension cord with plugs
EHPT-395C	Custom length extension cord with plugs, any length

### HOW TO ORDER BY PART NUMBER

## EHSX - 26A -

SWITCH BOX TYPE	Number of Shut-Off Control Switches	WIRING OPTION		Flow Control Switch
PT - Switch Box Only (No extension cords)	0	55 - Indicator light illuminates when switch is turned "ON"	- Blank for EHSX Kit	K - DPDT paddle switch (spring loaded to center off) for controlling units #50K wiring
SX - Switch Box Kit (Includes extension cords)	1	60 - Indicator light illuminates when switch is "ON" and the actuator is in the "OPEN" position	0 - Part Only (EHPT)	R - DPDT paddle switch (spring loaded to center off) for controlling units #50 wiring
	2			
	3			
	4			
	5	6A - 60A, Indicator light green when "ON", red when "OFF"		



## Dial-A-Matic

### Design Features:

- Available with most EH2 and EH4 actuated valve assemblies, requires 42DM wiring option
- "Overshoot" programming, eliminating gear-lash and valve coupler slop
- 3-digit, alphanumeric display conveys position in a 0 to 100% format
- 3 field programmable set-points with alpha naming
- Factory defaults: CLS, LOW, MID, HI and OPN
- 2 Military grade toggle switches
- Epoxy sealed and weatherproof for interior or exterior panel mounting
- Panel Cutout 3 1/8" x 3 1/8"
- 25' harness from controller to valve, standard
- 12' power lead from controller
- Operating Temperature: -32F to 125F

### Wiring Harness Pin-Out

Controller	Wire Color	Function	Actuator
Pin 1	Red	12 VDC (+)	
Pin 2	Black	12 VDC (-)	
Pin 3	Blank		
Pin 4	Green	Digital COM in, from actuator	Pin 2
Pin 5	White	Digital COM out, to actuator	Pin 3
Pin 6	Blank		
Pin 7	Black	12 VDC (-) to actuator	Pin 1
Pin 8	Red	12VDC (+) to actuator	Pin 4

### Operation:

- **OPEN-CLOSED:** Toggles between memory set points by pressing and releasing
- **INCREASE-DECREASE:** Allows full range, manual positioning of valve between the open and closed positions (0 to 100%)
- **DISPLAY (3 Digit Alpha LED, 0-100):** Indicates relative valve position as % OPEN or 3 character set point name

HOW TO ORDER BY PART NUMBER: **Part Number: DM-2**



## TriLite

### Design Features:

- One touch Open/Close or manual valve regulation
- Operates with any motorized valve assembly (EH2, EH4, and EH3) containing the 50KT wiring option
- 25' harness from controller to valve
- 12' power lead from controller
- Custom lengths optional
- Fits in 3 1/4" x 3 1/4" panel cutout with 2 3/4" deep
- Operating Temperature: -32F to 125F

### Wiring Harness Pin-Out

Controller	Wire Color	Function	Actuator
Pin 1	Green	Motor Control, +/-*	
Pin 2	Blank		
Pin 3	Red	Power in 12VDC +	
Pin 4	Black	Power in 12VDC -	
Pin 5	Blue	Position Feedback Common	
Pin 6	Red	Position Feedback Open	
Pin 7	Black	Position Feedback Closed	
Pin 8	White	Motor Control, +/-**	

\* (+) Closed, (-) Open

\*\* (+) Open, (-) Closed

### Operation:

- **OPEN-CLOSED:** Operates the valve fully open or fully closed position by depressing and releasing
- **INCREASE-DECREASE:** Allows the valve to be positioned between the open and closed positions at any time
- **INDICATOR LIGHTS:**
  - Green: Valve in (100%) full OPEN position
  - Yellow: Valve positioned between OPEN-CLOSED
  - Red: (Solid) = Valve in (0%) full CLOSED position

**HOW TO ORDER BY PART NUMBER: Part Number: TL-1**



## “SL”

### Design Features:

- For Operation with any 41S wiring actuated valve assembly (EH2, EH4, EH3)
- Offers variable control (SL-1) or ON/OFF control (SL-2)
- Variable control with up to ten distinct positions between valve full open and full close
- Scrolling light feedback of valve position
- Epoxy sealed and weatherproof for interior or exterior panel mounting
- Operating Temperature: -32F to 125F
- 25' standard, 12' power lead

### Wiring Harness Pin-Out

Controller	Wire Color	Function	Actuator
Pin 1	Black	12VDC Potentiometer	
Pin 2	White	Motor Control (+/-) 12VDC	
Pin 3	Green	Motor Control (+/-) 12VDC	
Pin 4	Black	12VDC - Supply	
Pin 5	Red	12VDC + Supply	
Pin 6	White	12VDC + Dimmer Input	
Pin 7	Blue	12VDC Potentiometer	
Pin 8	Red	12VDC Potentiometer	

### Operation:

#### • INDICATOR LIGHTS:

- 1) Green: Valve in (100%) full OPEN position
- 3) Yellow: Valve positioned between OPEN-CLOSED
- 1) Red: Valve in (0%) full CLOSED position

### HOW TO ORDER BY PART NUMBER:

Part Number	Description
SL-1	Variable controller
SL-2	ON/OFF Controller
SLR	Master/Slave Harness “Y”