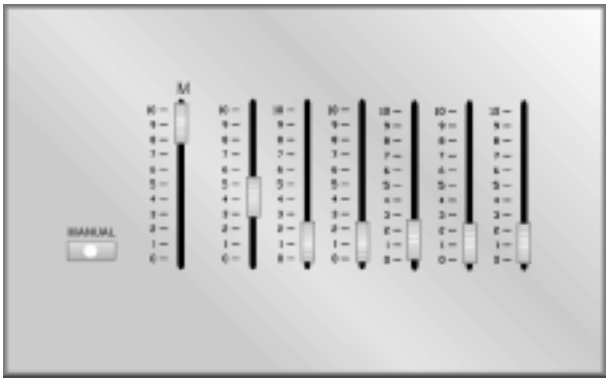
Twilite System Controls

Features

- Simple Contractor Wiring
- Programmable Slider Controls
- Up to 18 Channels per Station
- Rear-Illuminated Button Controls
- Slider or Illuminated Switch Controls
- Centralized System Processor
- 3.5" Disk Drive for Library Storage
- Screwless Faceplate Design

Linear Slider Controls



Description

The Linear Slider Group of Twilite System Controls offers a wide range of simple manual controls which integrate into the Twilite System Controls network. All Twilite System Controls rely on the same simple local area network wiring configuration. All data is stored in a centralized processor which can be mounted for the convenience of operators, not necessarily assigned at the dimmer bank.

Linear Slider Controls offer high-speed digital, manual control to compliment any lighting environment. Slider Stations with up to 18 individual sliders are available. Stations with three or more control channels are supplied with a Master. Sliders can be programmed to offer immediate or timed response to the positioning of the slider.

Optional FULL button allows direct 'ON' control.

The network controls allow the linear sliders to be configured for either direct channel assignment or proportion controlled groups, either of which can be played back by direct linear control. All assignments for the linear sliders can be identified and edited through the Twilite Display Station. Off-line library storage through the 3.5" industry standard disk drive allows the assignments to be part of the system records, which can be automatically re-called should any interrupt occur in the system.

Twilite System's Linear Slider Controls are designed to be mounted in standard-gang masonry backboxes supplied with the station. An attractive dimensional frame separates the controls from the background. The control faceplates are mounted without visible fasteners. Faceplates are supplied in brushed aluminum or optional anodized pewter, bronze or black finishes. Custom colors are available.

Ordering Information:

Twilite System Controls

Slider Controls (for FULL option, add F):

❒ LS/01CH/S	❒ (F)	❒ LS/07CH/S	❒ (F)	❒ LS/13CH/S	❒ (F)	❒ LS/02CH/S	❒ (F)	❒ LS/08CH/S	❒ (F)	❒ LS/14CH/S	❒ (F)
❒ LS/03CH/S	❒ (F)	❒ LS/09CH/S	❒ (F)	❒ LS/15CH/S	❒ (F)	❒ LS/04CH/S	❒ (F)	❒ LS/10CH/S	❒ (F)	❒ LS/16CH/S	❒ (F)
❒ LS/05CH/S	❒ (F)	❒ LS/11CH/S	❒ (F)	❒ LS/17CH/S	❒ (F)	❒ LS/06CH/S	❒ (F)	❒ LS/12CH/S	❒ (F)	❒ LS/18CH/S	❒ (F)

Faceplate Surface:

- ❒ Brushed Aluminum
- ❒ Black Frame

Optional Faces:

- ❒ Anodized Pewter
- ❒ Anodized Bronze
- ❒ Anodized Black

Custom:

- ❒ Plate Color
- ❒ Frame Color

JOB NAME:

JOB NAME:

CUSTOMER:

P.O. #

APPROVAL STAMP

Electronics Diversified, Inc.

1675 N.W. Cornelius Pass Road ● Hillsboro, Oregon 97124 U.S.A.

Phone: (503) 645-5533 ● FAX: (503) 629-9877 ● Web Site: www.EDIOnline.com

Electrical Data

Control Voltage: Class II Multiplex (Low Voltage).
Control Cable: Alpha 1133 cable, tinned copper, PVC insulated, color coded twisted pairs, PVC jacket.
Note: Stations are connected via Daisy-Chain.
Backbox must be grounded to system conduit.

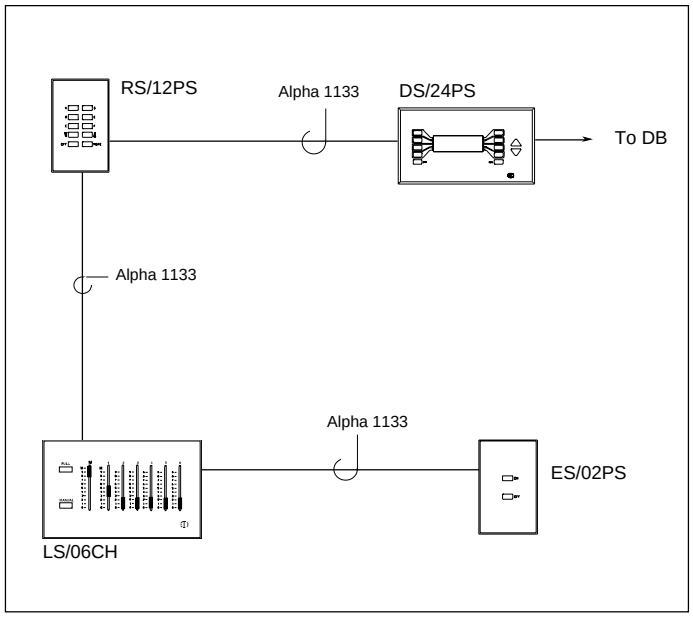
Physical Data

Backbox: Standard masonry deep backbox.
Connector: Keyed removable Termination Connector.
Switch: Rotary switch identifies station on network.
Station Frame: Frame holds faceplate in position without screws.
Station Cover: *See Data Sheet A240.

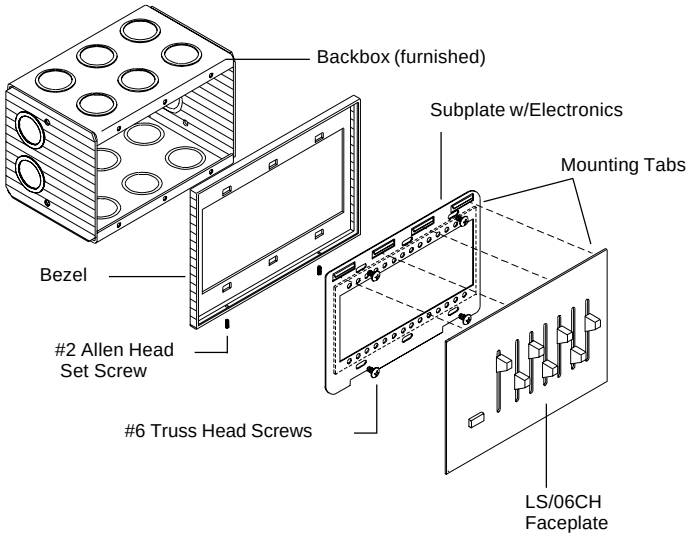
Dimensions

Twilite Control	Face-Plate	Wallbox Size		
		Width	Height	Raco #
LS/01-03CH	4.69"	3.78"	3.75"	696
LS/04-06CH	6.50"	5.59"	3.75"	697
LS/07-09CH	8.31"	7.41"	3.75"	698
LS/10-12CH	10.13"	9.22"	3.75"	699
LS/13-18CH	13.75"	12.84"	3.75"	966

Control System Riser Diagram



Mounting Details



1. Mount backbox.
2. Route wires from backbox through bezel and connect to electronics on subplate.
3. Align bezel and subplate and attach to backbox, using #6 truss-head screws (furnished).
4. Slip wallplate mounting tabs under corresponding subplate tabs.
5. Fasten wallplate to subplate with allen head set-screws located on bottom of bezel. Turn set-screws until resistance is felt.

   DO NOT OVER-TIGHTEN.

Specifications

1. A Linear Slider Station shall be a low cost, network compatible, linear control station. The station shall adhear to the criteria listed below as a minimum for acceptance:
   A. Clear visual indication of the system operating status from across the room.
   B. Direct tactile feedback to any control request in addition to visual reinforcement.
   C. Controls which offer full electrical isolation from the station electronics.
   D. Linear controls providing direct proportional output.
   E. Attractively framed flat panel styling to blend with interior decors.
2. The Linear Slider Controls shall perform basic lighting control functions as defined by the system program. The minimum control features for a standard station of this classification shall include, but not be limited to, the minimum requirements as listed below:
   A. Manual control of up to 18 independent control channels.
   B. Proportional master control of all station channels.
   C. Access to an optional direct ON condition.
   D. Select a system OFF condition.
3. The Linear Slider Station shall be subject to control conditions assigned by a system display station. All assignments shall be subject to review or editing from a system display station at any time. The minimum conditions shall consist of:
   A. Remote lock restricts take control when an assigned preset is active.
   B. Station lock feature which restricts all station activity.
4. The Linear Slider Station shall be designed for easy installation. Constructed on 060" fibreglass material, drilled and reinforced, with two primary assemblies:
   A. An input board designed for network input with feedback to include:
      a. Inputs shall be electrically isolated rubber buttons.
      b. Status indicators shall be long life LEDs.
      c. Linear potentiometers with a minimum of 45 mm travel.
   B. A processor board for direct network connection to include:
      a. Network assignment through 16 position rotary encoder.
      b. Keyed removable connector for control terminations.
5. The Linear Controls shall fit in a standard gang deep masonary backbox supplied with the station. Faceplates shall secure without visable fasteners.
   A. Silkscreened graphics shall identify the control functions.
   B. Faceplates of .080" brushed aluminum shall be a standard. Custom anodized or painted faceplates shall be available on request.
   C. Optional covers include clear Lexan© hinged or recessed wall box with locking cover.*

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