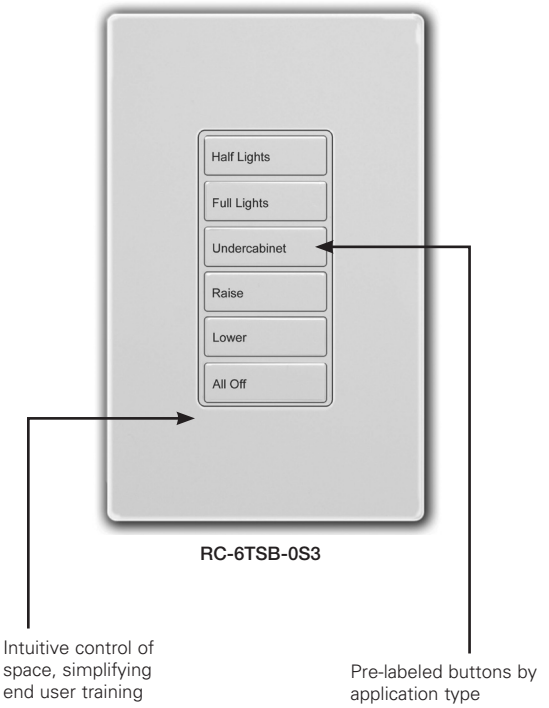
Technical Data

Effective September 1, 2016

Zone Wallstation

Catalog#	Prepared by
Project	Date
Comments	Type



RC-6TSB-0S3

Overview

The zone wallstations are pre-engraved low-voltage switches that operate on 24 VDC power supplied by the Room Controller or DLVP power module. Each wallstation is designed to fit in a standard decorator opening and has two RJ45 ports for local network connections to eliminate wiring errors.

Features

- Low-voltage control for ON/OFF and dimming loads
- Pre-terminated control cable ready with RJ45 ports eliminate wiring errors
- Available in 2, 3, 4, 5, 6 button models designed to fit in decorator wallplates (included)
- Wallstations can be used for multi-way control
- Custom engraving options available - buttons may be replaced in the field

Powering Business Worldwide

Specifications

Voltage	24 VDC supplied from Room Controller
Electrical	Class 2, LPS
Connection Ports	Two RJ45 ports
Button Configurations	Large buttons: 2 or 3
	Small buttons: 2, 4, 5, 6
Installation	Standard decorator opening
Operating Environment	Temperature: 32°F to 104°F (0°C to 40°C)
	Relative humidity: Less than 95%, non-condensing
	For indoor use only
Size	4.75"H x 3.25"W (121mm x 83mm)
Standards	UL 508 Listed c UL us

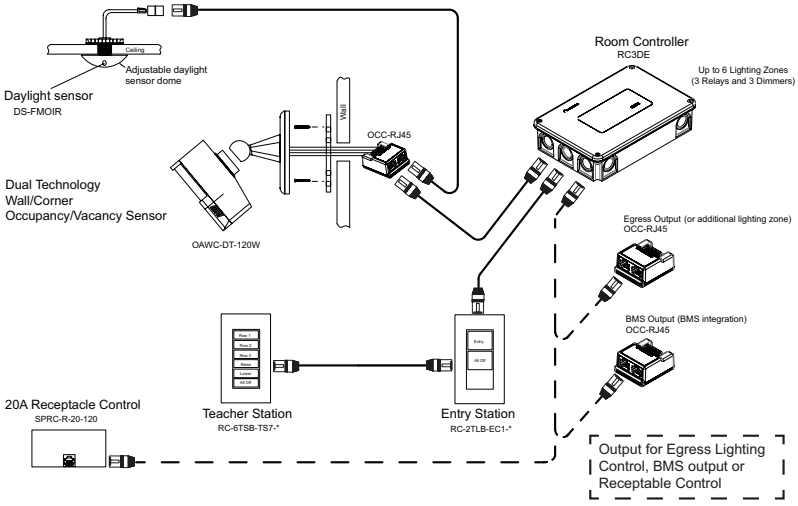
Description/Operation

The zone wallstations are pre-terminated control cable (ordered separately) ready and work immediately upon power up. Zone wallstations for office, classroom, patient room, conference room and general areas are available and are fully functional out-of-the-box removing the need for field programming and reducing installation time.

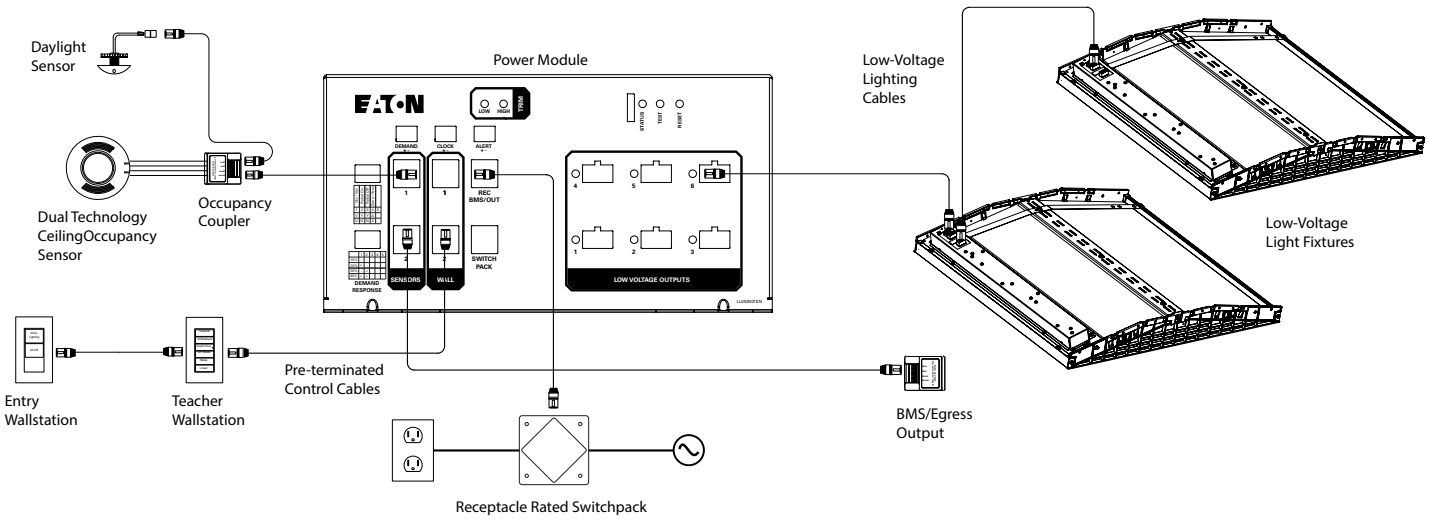
Installation

Low-voltage devices are connected using provided pre-terminated control cables (ordered separately).

Sample Room Controller System Topology

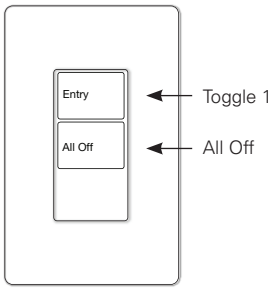


DLVP System Topology

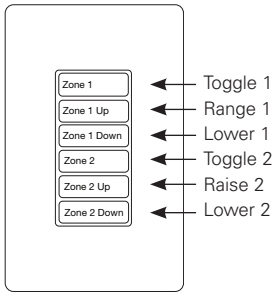


Sample Wallstations

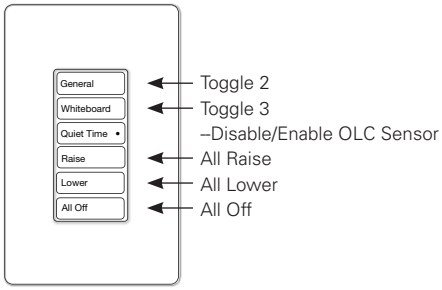
*Not All Configurations Shown



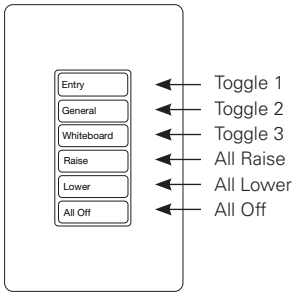
RC-2TLB-ES1



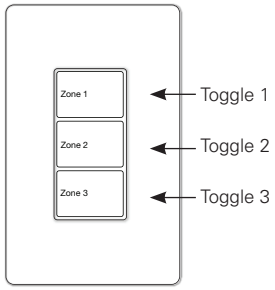
RC-6TSB-623



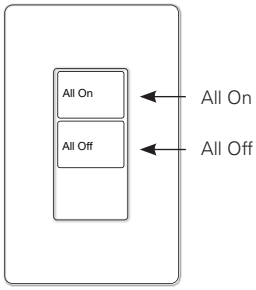
RC-6TSB-TS2



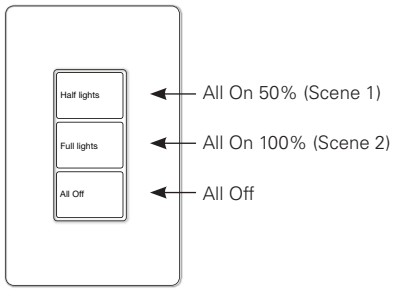
RC-6TSB-TS6



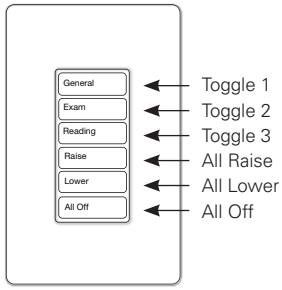
RC-3TLB-331



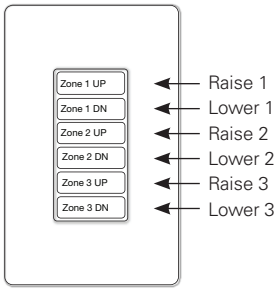
RC-2TLB-OS4



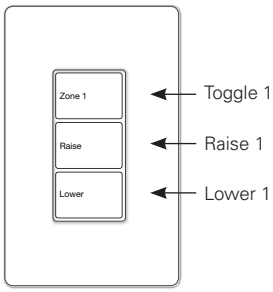
RC-3TLB-OS1



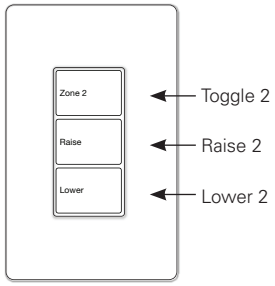
RC-6TSB-HC2



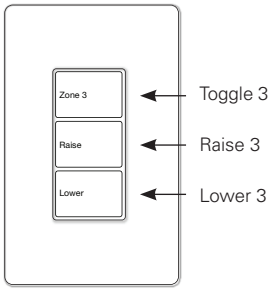
RC-6TSB-ZAD



RC-3TLB-Z1D



RC-3TLB-Z2D



RC-3TLB-Z3D

September 2016

Ordering

One single gang wallplate included

RC 6TSB 0S3 W

RC
Zone Wallstation

Number of Buttons
2, 3 = Large Buttons – TLB
4, 5, 6 = Small Buttons – TSB

Insert Color
W = White
B = Black
V = Ivory
G = Gray

Button Engraving	Command Reference Table
101 = Zone 1(1 TLB)	**101** = 1
102 = Zone 2 (1 TLB)	**102** = 2
103 = Zone 3 (1 TLB)	**103** = 11
221 = Zone 1, Zone 2 (2TLB)	**221** = 1, 2
321 = Zone 1, Zone 2, All Off (3TLB)	**321** = 1, 2, 8
331 = Zone 1, Zone 2, Zone 3 (3TLB)	**331** = 1, 2, 11
531 = Zone 1, Zone 2, Zone 3, Raise, Lower (5TSB)	**531** = 1, 2, 11, 6, 7
621 = All On, Raise 1, Lower 1, Raise 2, Lower 2, All Off (6TSB)	**621** = 16, 8, 17, 18, 19, 20
623 = Zone 1, Raise 1, Lower 1, Zone 2, Raise 2, Lower 2 (6TSB)	**623** = 1, 17, 18, 2, 19, 20
631 = Zone 1, Zone 2, Zone 3, Raise, Lower, All Off (6TSB)	**631** = 1, 2, 11, 6, 7, 8
ES1 = Entry, Al OFF (2TLB)	**ES1** = 1, 8
TS1 = General, Whiteboard, Quite Time, A/V Mode, Raise, Lower (6TSB)	**TS1** = 2, 3, 5, 4, 6, 7
TS2 = General, Whiteborad, Quiet Time, Raise, Lower All OFF (6TSB)	**TS2** = 2, 3, 5, 6, 7, 8
TS3 = General, Whiteboard, Quiet Time, A/V Mode, All OFF (5TSB)	**TS3** = 2, 3, 5, 4, 8
TS4 = General, Whiteboard, A/V Mode, Raise, Lower, All OFF (6TSB)	**TS4** = 2, 3, 4, 6, 7, 8
TS5 = Entry, General, Whiteboard, All OFF (4TSB)	**TS5** = 1, 2, 3, 8
TS6 = Entry, General, Whiteboard, Raise, Lower, All OFF (6TSB)	**TS6** = 1, 2, 3, 6, 7, 8
TS7 = Row 1, Row 2, Row 3, Raise, Lower, All OFF (6TSB)	**TS7** = 1, 2, 3, 6, 7, 8
TS8 = Uplights, Downlights, Accent, Raise, Lower, All OFF (6TSB)	**TS8** = 1, 2, 3, 6, 7, 8
TS9 = Entry, General, Quiet Time, Whiteboard, A/V Mode, All OFF (6TSB)	**TS9** = 1, 2, 5, 3, 4, 8
TS10 = Main, Whiteboard, A/V Mode, Raise, Lower, All OFF (6TSB)	**TS10** = 1, 3, 4, 6, 7, 8
HC1 = General, Exam, Reading, All OFF (4TSB)	**HC1** = 1, 2, 3, 8
HC2 = General, Exam, Reading, Raise, Lower, All OFF (6TSB)	**HC2** = 1, 2, 3, 6, 7, 8
OS1 = Half Lights, Full Lights, All OFF (3TLB)	**OS1** = 12,13, 8
OS2 = Half Lights, Full Lights, Raise, Lower, All OFF (5TSB)	**OS2** = 12,13, 6, 7, 8
OS3 = Half Lights, Full Lights, Undercabinet, Raise, Lower, All OFF (6TSB)	**OS3** = 12, 13, 11, 6, 7, 8
OS4 = All ON, All OFF (2 TLB)	**OS4** = 10, 8
ZAD = Zone 1 UP, Zone 1 DN, Zone 2 UP, Zone 2 DN, Zone 3 UP, Zone 3 DN (6TSB)	**ZAD** = 17, 18, 19, 20, 21, 22
Z1D = Zone 1, Raise, Lower (3TLB)	**Z1D** = 1, 17, 18
Z2D = Zone 2, Raise, Lower (3TLB)	**Z2D** = 2, 19, 20
Z3D = Zone 3, Raise, Lower (3TLB)	**Z3D** = 3, 21, 22

*For reference only. Commands will not be engraved onto station.

Note: For custom configurations or custom engraving, see Zone Wallstation. Custom Text form found on www.eaton.com/lightingsolutions

*For reference only. Please see custom engraving form for full command actions.

Command #	Action
1	Toggle Load/Zone 1 (Also influences Receptacle Switchpack, Solatube, and Emergency)
2	Toggle Load/Zone 2 (Also influences Receptacle Switchpack)
3	Toggle Load/Zone 3
4	Toggle A/V mode B Scene 5
5	Disable/Re-enable Occupancy Sensor (After being disabled 60 minutes, the sensor automatically re-enables)
6	Raise all
7	Lower all
8	All Loads/Zones OFF
9	All Dimmers 50%, Relay 1 ON, Relay 2 OFF, Relay 3 unaffected DLVP-Zone 1=50%, Zone 2=OFF, Zone 3=unaffected
10	All Loads/Zones to 100% (Solatube closed)
11	Toggle Load/Zone 3 (influences Receptacle Switchpack)

Command #	Action
12	Go to Scene 1
13	Go to Scene 2
14	Go to Scene 3
15	Go to Scene 4
16	All Loads/Zones ON
17	Raise Zone 1
18	Lower Zone 1
19	Raise Zone 2
20	Lower Zone 2
21	Raise Zone 3
22	Lower Zone 3

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