

Title 24 2019 Zūm® Wireless Solutions Hospitality Applications

Crestron Electronics, Inc.

Original Instructions

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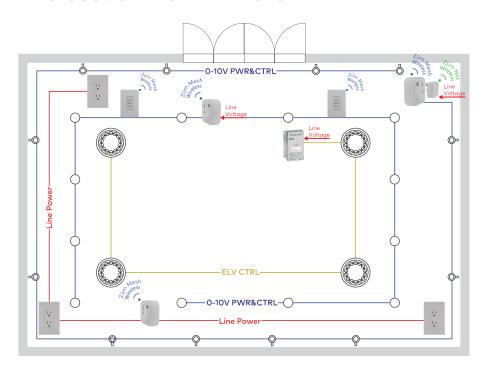
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BALLROOM Title 24 2019

Zūm® Wireless: 0 - 10V Drivers



Bill of Materials

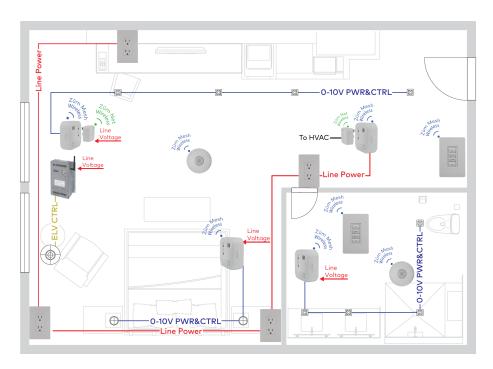
Item	Product	Qty
(1)	ZUMMESH-JBOX-20A-PLUG	1
	Zūm Mesh, Plug, 100-240V, 20A	
(1)	ZUMMESH-JBOX-16A-LV	1
R	Zūm Mesh, Dimmer, 0-10V, 16A	
RP.	ZUMMESH-JBOX-16A-LV + NETBRIDGE	1
	Zūm Mesh, Dimmer, 0-10V, 16A + Network Bridge	
toma (ZUMMESH-EXP-16A-DIMU	1
Manual Park	Zūm Mesh Universal Dimmer, 16A	
	ZUMMESH-KP10CBATT	2
	Zūm Mesh, Battery-Powered Keypad	
	Receptacle	3

Code

Manual Control Device
130.1(a), 130.1(b)
Local manual switch, multi-
level control
Programmable Timeclock
130.1(c) 1, 130.2(c) 1 & 2
Timeclock-based shut off
controls
Controlled Receptacles
130.5(d)
Auto Off for receptacle
power

GUEST ROOM Title 24 2019

Zūm® Wireless: 0 - 10V Drivers



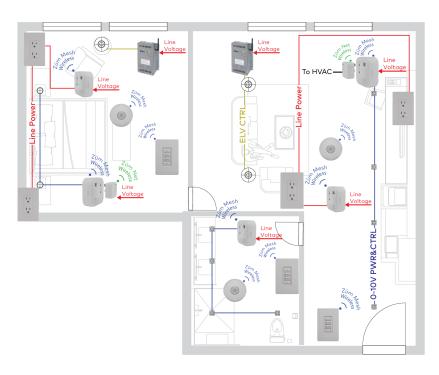
Bill of Materials

Item	Product	Qty
[1]	ZUMMESH-JBOX-20A-PLUG Zūm Mesh, Plug, 100-240V, 20A	1
(m) ()	ZUMMESH-JBOX-16A-LV Zūm Mesh, Dimmer, 0-10V, 16A	3
	ZUMMESH-JBOX-16A-LV + NETBRIDGE Zūm Mesh, Dimmer, 0-10V, 16A + Network Bridge	1
	ZUMMESH-JBOX-16A-LV + CCO Zūm Mesh, Dimmer, 0-10V, 16A + Contact Closure Output	1
Service States	ZUMMESH-EXP-16A-DIMU Zūm Mesh Universal Dimmer, 16A	1
	ZUMMESH-KP10CBATT Zūm Mesh, Battery-Powered Keypad	2
	ZUMMESH-PIR-VACANCY-BATT Zūm Mesh, Battery-Powered Vacancy Sensor	2
A	Receptacle	4

Code

Manual	Control Device
130.1(a)), 130.1(b)
Local m	nanual switch, multi-
level co	ntrol
Vacanc	y Sensor Manual On
130.1.5.	В
Physica	l control interface for
occupai	nt
Occupa	incy Sensor Full Off
130.1(c)	5,130.2(a)
Auto O	ff during vacancy
Control	lled Receptacles
130.5(d)
Auto O	ff for receptacle
power	
Deman	d Response
130.1(e)), 110.12(c)
Partial	Off during demand
respons	se signal
Hotel/N	Motel Guest Room
High-Ri	se Dwelling HVAC
Control	•
120.2	
	ontrol based on
	31 24364 011

occupancy



Bill of Materials

Item	Product	Qty
	ZUMMESH-JBOX-16A-LV Zūm Mesh, Dimmer, 0-10V, 16A	4
	ZUMMESH-JBOX-16A-LV + NETBRIDGE Zūm Mesh, Dimmer, 0-10V, 16A + Network Bridge	1
	ZUMMESH-JBOX-16A-LV + CCO Zūm Mesh, Dimmer, 0-10V, 16A + Contact Closure Output	1
tanna L	ZUMMESH-EXP-16A-DIMU Zūm Mesh Universal Dimmer, 16A	2
	ZUMMESH-KP10CBATT Zūm Mesh, Battery-Powered Keypad	3
	ZUMMESH-PIR-VACANCY-BATT Zūm Mesh, Battery-Powered Vacancy Sensor	3
	Receptacle	4

Code

Manua	al Control Device
130.1(a), 130.1(b)
Local r	manual switch, multi-
level co	ontrol
Vacan	cy Sensor Manual On
Vacan 130.1.5	•
130.1.5	•
130.1.5	i.B al control interface fo

Occupancy Sensor Full Off 130.1(c) 5,130.2(a) Auto Off during vacancy

Controlled Receptacles 130.5(d) Auto Off for receptacle power

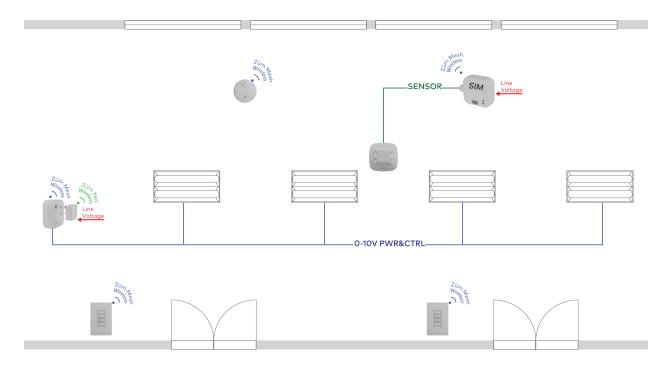
Demand Response 130.1(e), 110.12(c) Partial Off during demand response signal

High-Rise Dwelling HVAC Control 120.2 HVAC control based on occupancy

Hotel/Motel Guest Room

CORRIDOR Title 24 2019

Zūm® Wireless: 0 - 10V Drivers



Bill of Materials

Item	Product	Qty
	ZUMMESH-JBOX-16A-LV + NETBRIDGE Zūm Mesh, Dimmer, 0-10V, 16A + Network Bridge	1
	ZUMMESH-JBOX-SIM Zūm Mesh JBox Sensor	1
	ZUMMESH-KP10CBATT Zūm Mesh, Battery-Powered Keypad	2
·	ZUMMESH-OL-PHOTOCELL-BATT Zūm Mesh, Battery-Powered Daylight Sensor	1
3	GLA-US-HALLWAY-COM1-24 Occupancy Sensor	1

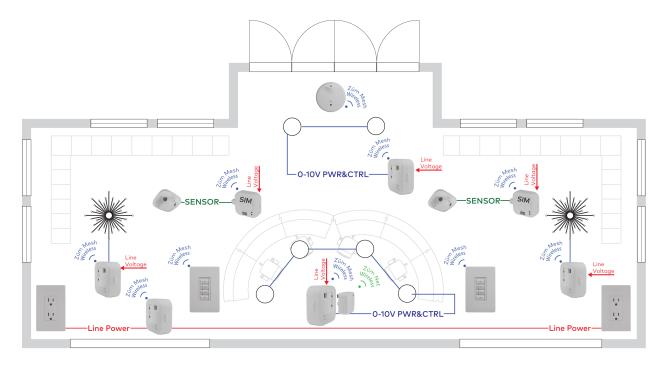
Code

Manual Control Device
130.1(a), 130.1(b)
Local manual switch, multi-
level control
Occupancy Sensor Full On
130.1(c) 1
Full On during occupancy
Occupancy Sensor Partial
Off
130.1(c) 6 & 7, 130.2(c) 3
Partial Off during vacancy
Daylight Response
130.1(d), 130.2(c) 1
Adjust lights based on

130.1(d), 130.2(c) 1 Adjust lights based on available daylight

LOBBY Title 24 2019

Zūm® Wireless: 0 - 10V Drivers



Bill of Materials

Item	Product	Qty
{B}	ZUMMESH-JBOX-16A-LV	4
3	Zūm Mesh, Dimmer, 0-10V, 16A	
	ZUMMESH-JBOX-16A-LV + NETBRIDGE	1
	Zūm Mesh, Dimmer, 0-10V, 16A + Network Bridge	
	ZUMMESH-JBOX-SIM	2
m :	Zūm Mesh JBox Sensor	
	ZUMMESH-KP10CBATT	2
	Zūm Mesh, Battery-Powered Keypad	
	ZUMMESH-OL-PHOTOCELL-BATT	1
·	Zūm Mesh, Battery-Powered Daylight Sensor	
	GLA-DT-QUATTRO-COM1-24	2
	Presence Detector	
	Receptacle	2

Code

Manual Control Device
130.1(a), 130.1(b)
Local manual switch, multi-
level control

Programmable Timeclock 130.1(c) 1, 130.2(c) 1 & 2 Timeclock-based shut off controls

Occupancy Sensor Full On 130.1(c) 1 Full On during occupancy

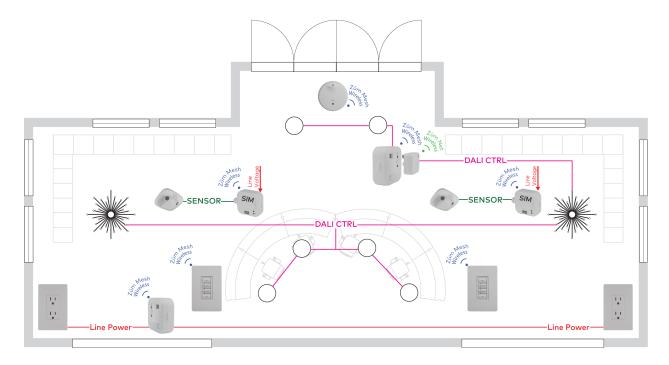
Occupancy Sensor Full Off 130.1(c) 5,130.2(a) Auto Off during vacancy

Daylight Response 130.1(d), 130.2(c) 1 Adjust lights based on available daylight

Controlled Receptacles 130.5(d) Auto Off for receptacle power

LOBBY Title 24 2019

Zūm® Wireless: DALI® Drivers



Bill of Materials

ltem	Product	Qty
	ZUMMESH-JBOX-DALI + NETBRIDGE Zūm Mesh, DALI, + Network Bridge	1
	ZUMMESH-JBOX-SIM Zūm Mesh JBox Sensor	2
	ZUMMESH-KP10CBATT Zūm Mesh, Battery-Powered Keypad	2
·	ZUMMESH-OL-PHOTOCELL-BATT Zūm Mesh, Battery-Powered Daylight Sensor	1
	GLA-DT-QUATTRO-COM1-24 Presence Detector	2
	Receptacle	2

Code

Manual Control Device
130.1(a), 130.1(b)
Local manual switch, multi-
level control

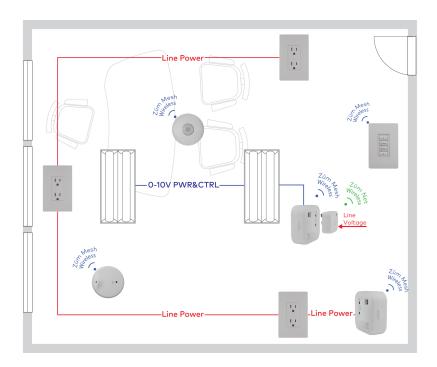
Programmable Timeclock 130.1(c) 1, 130.2(c) 1 & 2 Timeclock-based shut off controls

Occupancy Sensor Full On 130.1(c) 1 Full On during occupancy

Occupancy Sensor Full Off 130.1(c) 5,130.2(a) Auto Off during vacancy

Daylight Response 130.1(d), 130.2(c) 1 Adjust lights based on available daylight

Controlled Receptacles 130.5(d) Auto Off for receptacle power



Bill of Materials

Item	Product	Qty
(n) j	ZUMMESH-JBOX-20A-PLUG Zūm Mesh, Plug, 100-240V, 20A	1
	ZUMMESH-JBOX-16A-LV + NETBRIDGE Zūm Mesh, Dimmer, 0-10V, 16A + Network Bridge	1
	ZUMMESH-KP10CBATT Zūm Mesh, Battery-Powered Keypad	1
	ZUMMESH-OL-PHOTOCELL-BATT Zūm Mesh, Battery-Powered Daylight Sensor	1
	ZUMMESH-PIR-VACANCY-BATT Zūm Mesh, Battery-Powered Vacancy Sensor	1
Th.	Receptacle	3

Code

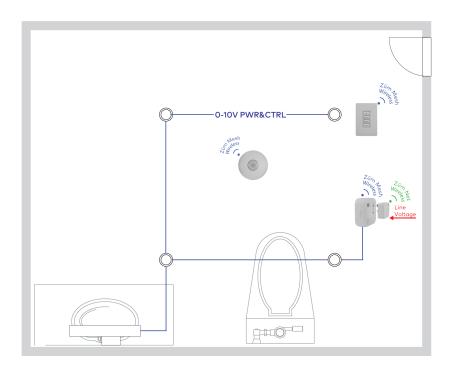
Manual Control Device	
130.1(a), 130.1(b)	
Local manual switch, multi-	
level control	

Vacancy Sensor Manual On 130.1.5.B Physical control interface for occupant

Occupancy Sensor Full Off 130.1(c) 5,130.2(a) Auto Off during vacancy

Daylight Response		
130.1(d), 130.2(c) 1		
Adjust lights based on		
available daylight		

Controlled Receptacles 130.5(d) Auto Off for receptacle power



Bill of Materials

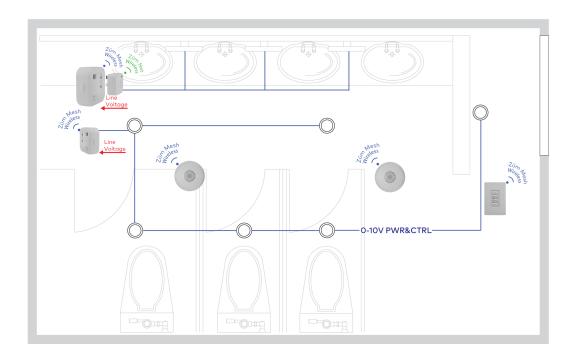
ltem	Product	Qty
	ZUMMESH-JBOX-16A-LV + NETBRIDGE Zūm Mesh, Dimmer, 0-10V, 16A + Network Bridge	1
	ZUMMESH-KP10CBATT Zūm Mesh, Battery-Powered Keypad	1
	ZUMMESH-PIR-OCCUPANCY-BATT Zūm Mesh, Battery-Powered Sensor	1

Code

Occupancy Sensor Full On 130.1(c) 1 Full On during occupancy

Occupancy Sensor Full Off 130.1(c) 5,130.2(a) Auto Off during vacancy

Daylight Response 130.1(d), 130.2(c) 1 Adjust lights based on available daylight



Bill of Materials

ltem	Product	Qty
[H]	ZUMMESH-JBOX-16A-LV	1
	Zūm Mesh, Dimmer, 0-10V, 16A	
	ZUMMESH-JBOX-16A-LV + NETBRIDGE	1
3	Zūm Mesh, Dimmer, 0-10V, 16A + Network Bridge	
	ZUMMESH-KP10CBATT	1
	Zūm Mesh, Battery-Powered Keypad	
	ZUMMESH-PIR-OCCUPANCY-BATT	2
	Zūm Mesh, Battery-Powered Sensor	

Code

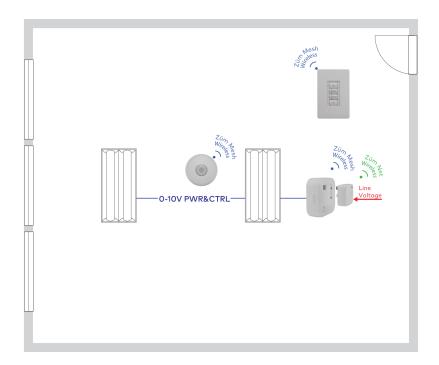
Manual Control Device		
130.1(a), 130).1(b)	
Local manu	al swi	tch, multi-
level contro	I	
Occupancy	Senso	r Full On
130.1(c) 1		
Full On duri	ng oc	cupancy

Occupancy Sensor Full Off 130.1(c) 5,130.2(a) Auto Off during vacancy

Daylight Response 130.1(d), 130.2(c) 1 Adjust lights based on available daylight

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Zūm® Wireless: 0 - 10V Drivers



Bill of Materials

Item	Product	Qty
	ZUMMESH-JBOX-16A-LV + NETBRIDGE Zūm Mesh, Dimmer, 0-10V, 16A + Network Bridge	1
	ZUMMESH-KP10CBATT Zūm Mesh, Battery-Powered Keypad	1
	ZUMMESH-PIR-VACANCY-BATT Zūm Mesh, Battery-Powered Vacancy Sensor	1

Code

Manual Control Device		
130.1(a), 130.1(b)		
Local manual switch, multi-		
level control		

Vacancy Sensor Manual On 130.1.5.B Physical control interface for occupant

Occupancy Sensor Full Off 130.1(c) 5,130.2(a) Auto Off during vacancy

Daylight Response 130.1(d), 130.2(c) 1 Adjust lights based on available daylight



Contact Info		
Name		
Company		
Address 1		
Address 2		
City, State, Zip		
Phone		
Email		
Website		

Pro	oject Notes

Square Footage	Cost/Sq. Ft.