



ASHRAE 2019 Zūm[®] Wired Solutions Education Applications

Crestron Electronics, Inc.

Original Instructions

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All other languages are a translation of the original instructions.

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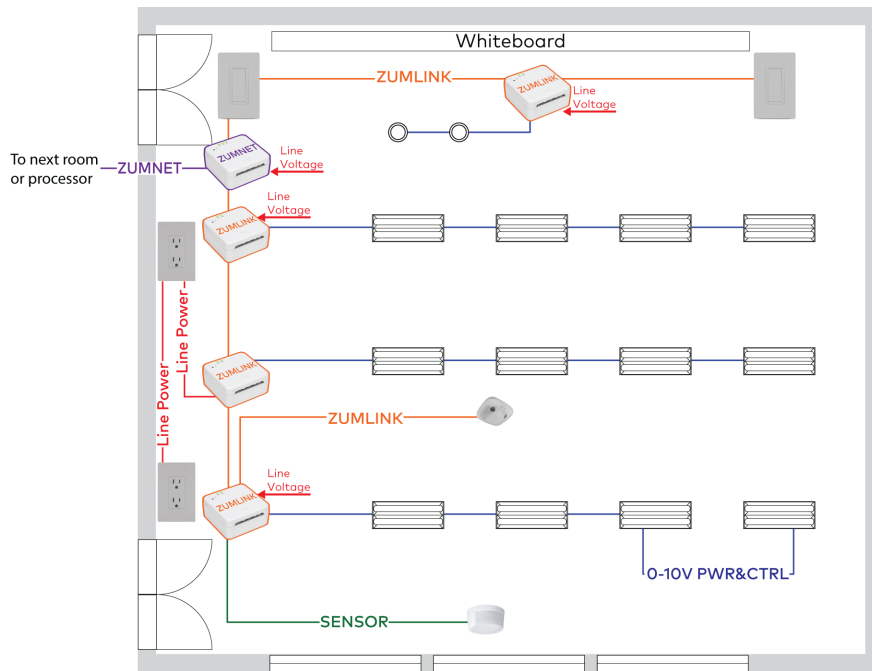
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Zūm® Wired: 0 - 10V Drivers



Bill of Materials

Item	Product	Qty
	ZUMNET-JBOX-16A-LV Zūm Net, Dimmer, 0-10V, 16A	1
	ZUMLINK-JBOX-16A-LV Zūm Link, Dimmer, 0-10V 16A	3
	ZUMLINK-JBOX-20A-PLUG Zūm Link, Plug, 20A	1
	ZUMLINK-KP Zūm Link Keypad, Manual Control	2
	ZUMLINK-DT-QUATTRO-DLS Zūm Link Presence Detector/ Closed-Loop Daylight Sensor	1
	GLA-LDL-PC-0-10 Open/Closed Loop Daylight Sensor	1
	Receptacle	2
	CBL-CAT5E-ZUMLINK-P Zūm Link CAT5e, various lengths	TBD
	CBL-CAT5E-ZUMNET-P Zūm Net CAT5e, various lengths	TBD

Code

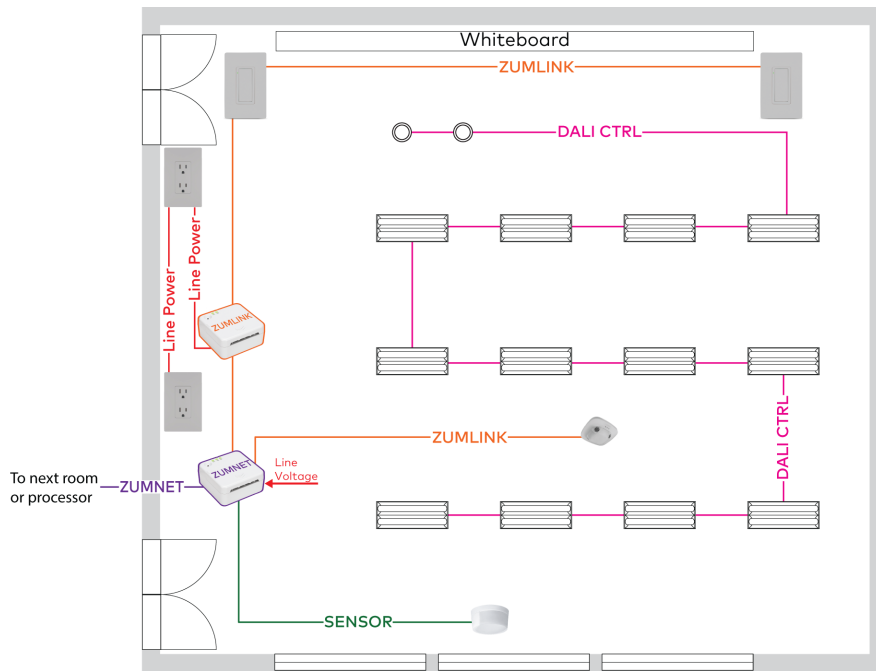
- Manual Control Device**
9.4.1.1(a)
Physical control interface for occupant

- Vacancy Sensor**
9.4.1.1(b), 9.4.1.1(h)
Motion detection: Manual On, Automatic Off









- Daylight Response**
9.4.1.1(e), 9.4.1.4(a)
Light level control based on daylighting

- Controlled Receptacles**
8.4.2(a), 8.4.2(b), 8.4.2(c)
Control of receptacle power

Zūm® Wired: DALI® Drivers



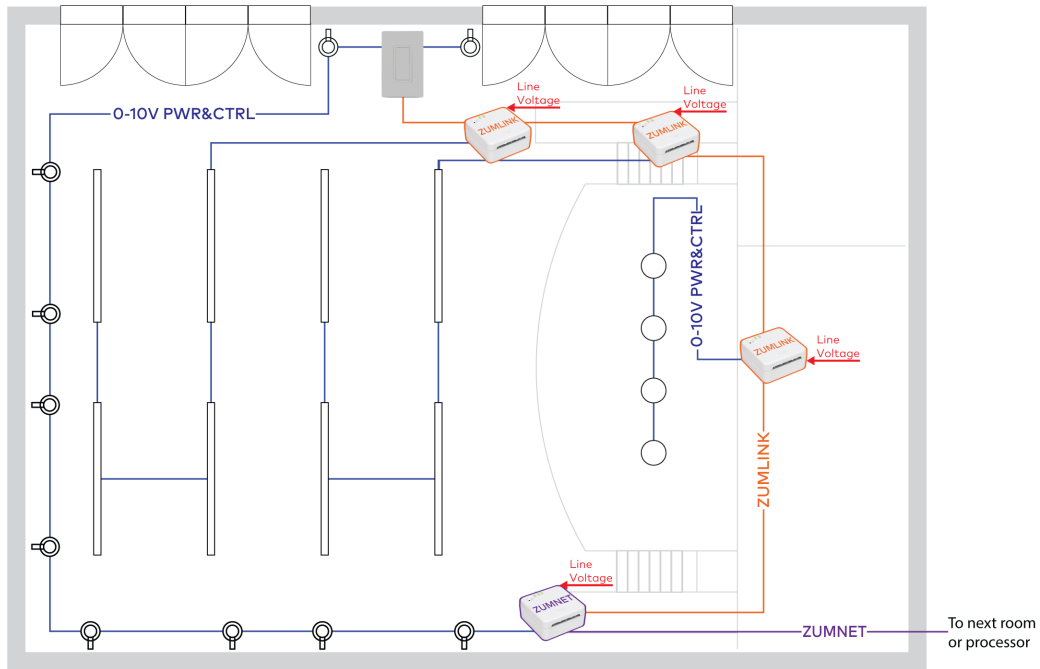
Bill of Materials

Item	Product	Qty
	ZUMLINK-JBOX-20A-PLUG Zūm Link, Plug, 20A	1
	ZUMNET-JBOX-DALI Zūm Net, DALI	1
	ZUMLINK-KP Zūm Link Keypad, Manual Control	2
	ZUMLINK-DT-QUATTRO-DLS Zūm Link Presence Detector/ Closed-Loop Daylight Sensor	1
	GLA-LDL-PC-0-10 Open/Closed Loop Daylight Sensor	1
	Receptacle	2
	CBL-CAT5E-ZUMLINK-P Zūm Link CAT5e, various lengths	TBD
	CBL-CAT5E-ZUMNET-P Zūm Net CAT5e, various lengths	TBD






Code

- Manual Control Device**
9.4.1.1(a)
Physical control interface for occupant
- Occupancy Sensor**
9.4.1.1(c), 9.4.1.1(h)
Motion detection: Automatic On, Automatic Off
- Daylight Response**
9.4.1.1(e), 9.4.1.4(a)
Light level control based on daylighting
- Controlled Receptacles**
C405.2.4
Control of receptacle power

Zūm® Wired: 0 - 10V Drivers



Bill of Materials

Item	Product	Qty
	ZUMNET-JBOX-16A-LV Zūm Net, Dimmer, 0-10V, 16A	1
	ZUMLINK-JBOX-16A-LV Zūm Link, Dimmer, 0-10V 16A	2
	ZUMLINK-KP Zūm Link Keypad, Manual Control	1
	CBL-CAT5E-ZUMLINK-P Zūm Link CAT5e, various lengths	TBD
	CBL-CAT5E-ZUMNET-P Zūm Net CAT5e, various lengths	TBD

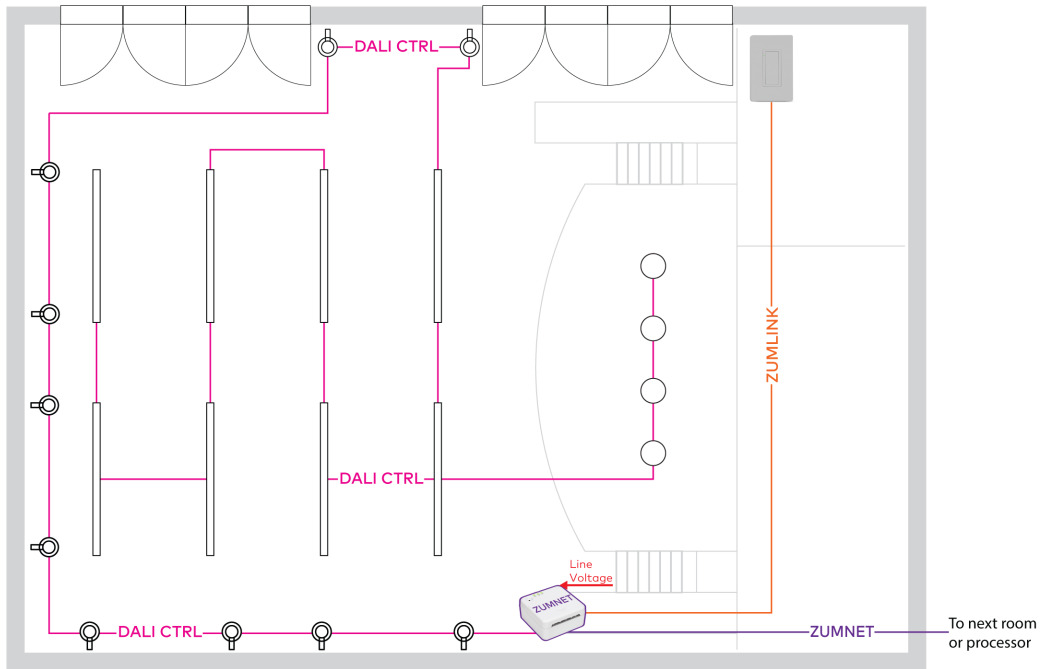
Code

- Manual Control Device**
9.4.1.1(a)
Physical control interface for occupant





- Programmable Timeclock**
9.4.1.1(c), 9.4.1.1(i)
Programmed time Auto On, Auto Off

- Daylight Response**
9.4.1.1(e), 9.4.1.4(a)
Light level control based on daylighting

Zūm® Wired: DALI® Drivers



Bill of Materials

Item	Product	Qty
	ZUMNET-JBOX-DALI Zūm Net, DALI	1
	ZUMLINK-KP Zūm Link Keypad, Manual Control	1
	CBL-CAT5E-ZUMLINK-P Zūm Link CAT5e, various lengths	TBD
	CBL-CAT5E-ZUMNET-P Zūm Net CAT5e, various lengths	TBD

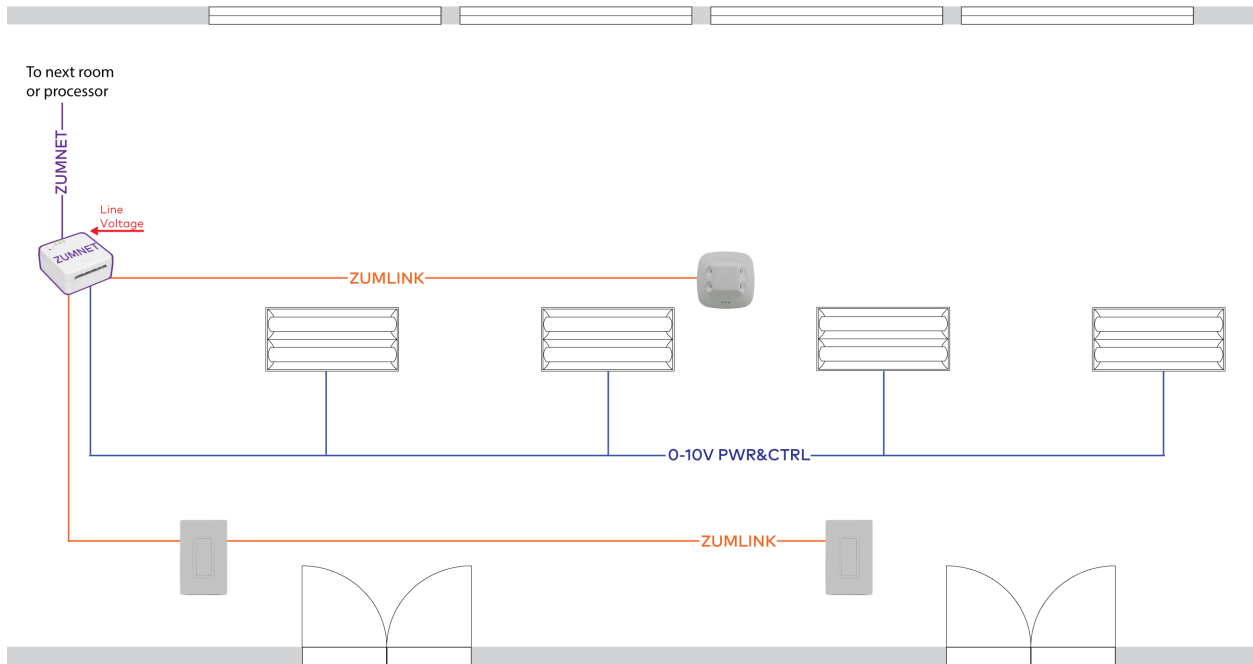
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- Manual Control Device**
9.4.1.1(a)
Physical control interface for occupant






- Programmable Timeclock**
9.4.1.1(c), 9.4.1.1(i)
Programmed time Auto On, Auto Off

- Daylight Response**
9.4.1.1(e), 9.4.1.4(a)
Light level control based on daylighting

Zūm® Wired: 0 - 10V Drivers



Bill of Materials

Item	Product	Qty
	ZUMNET-JBOX-16A-LV Zūm Net, Dimmer, 0-10V, 16A	1
	ZUMLINK-KP Zūm Link Keypad, Manual Control	2
	ZUMLINK-US-HALLWAY-DLS Zūm Link Presence Detector Closed-Loop Daylight Sensor	1
	CBL-CAT5E-ZUMLINK-P Zūm Link CAT5e, various lengths	TBD
	CBL-CAT5E-ZUMNET-P Zūm Net CAT5e, various lengths	TBD

Code

Manual Control Device

9.4.1.1(a)
Physical control interface for occupant

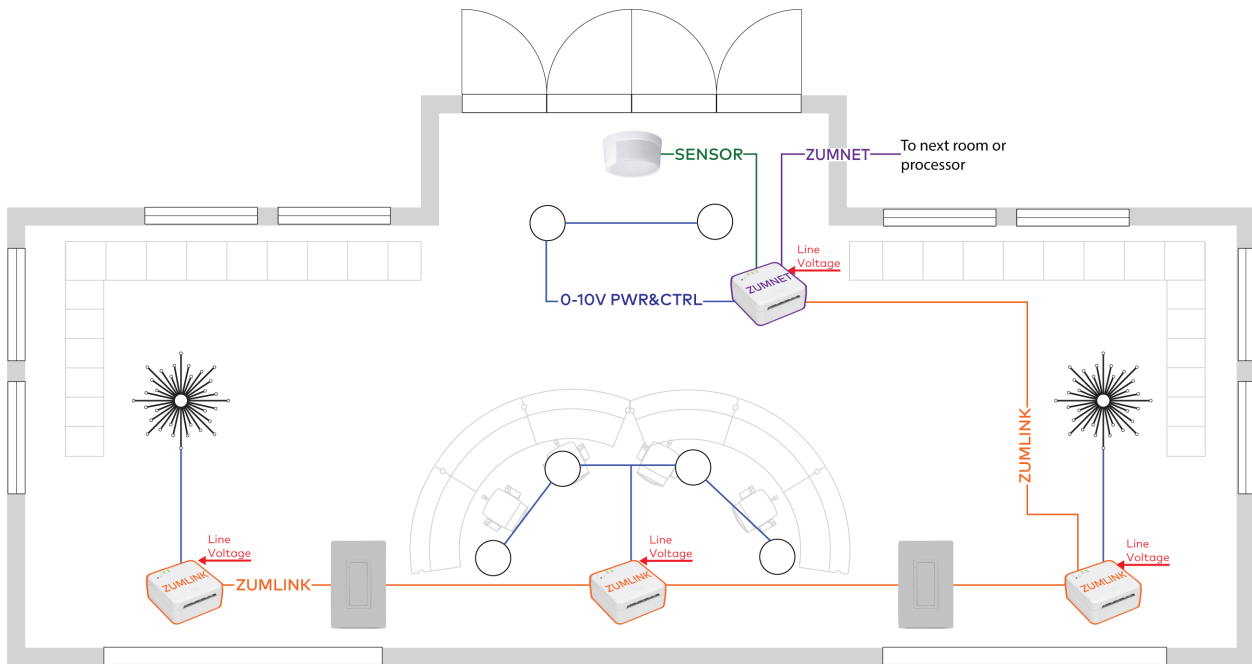
Occupancy Sensor

9.4.1.1(c), 9.4.1.1(h)
Motion detection: Automatic On, Automatic Off







Daylight Response

9.4.1.1(e), 9.4.1.4(a)
Light level control based on daylighting

Zūm® Wired: 0 - 10V Drivers



Bill of Materials

Item	Product	Qty
	ZUMNET-JBOX-16A-LV Zūm Net, Dimmer, 0-10V, 16A	1
	ZUMLINK-JBOX-16A-LV Zūm Link, Dimmer, 0-10V 16A	3
	ZUMLINK-KP Zūm Link Keypad, Manual Control	2
	GLA-LDL-PC-0-10 Open/Closed Loop Daylight Sensor	1
	CBL-CAT5E-ZUMLINK-P Zūm Link CAT5e, various lengths	TBD
	CBL-CAT5E-ZUMNET-P Zūm Net CAT5e, various lengths	TBD

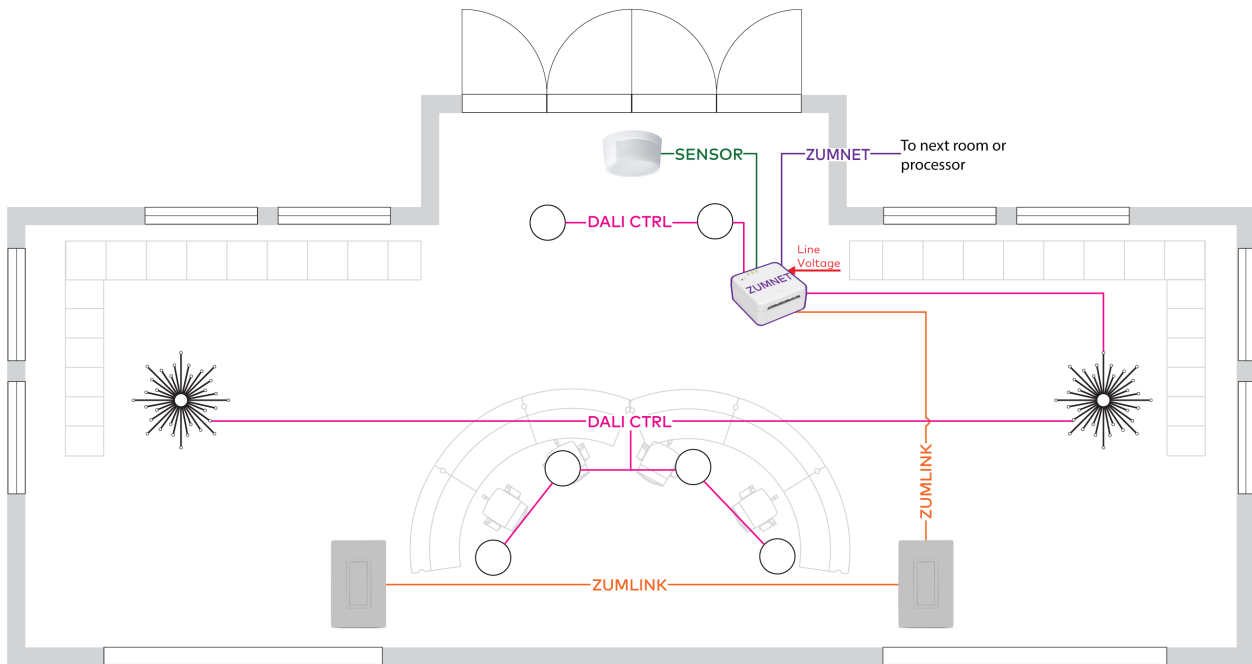
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- Manual Control Device**
9.4.1.1(a)
Physical control interface for occupant






- Programmable Timeclock**
9.4.1.1(c), 9.4.1.1(i)
Programmed time Auto On, Auto Off

- Daylight Response**
9.4.1.1(e), 9.4.1.4(a)
Light level control based on daylighting

Zūm® Wired: DALI® Drivers



Bill of Materials

Item	Product	Qty
	ZUMNET-JBOX-DALI Zūm Net, DALI	1
	ZUMLINK-KP Zūm Link Keypad, Manual Control	2
	GLA-LDL-PC-0-10 Open/Closed Loop Daylight Sensor	1
	CBL-CAT5E-ZUMLINK-P Zūm Link CAT5e, various lengths	TBD
	CBL-CAT5E-ZUMNET-P Zūm Net CAT5e, various lengths	TBD

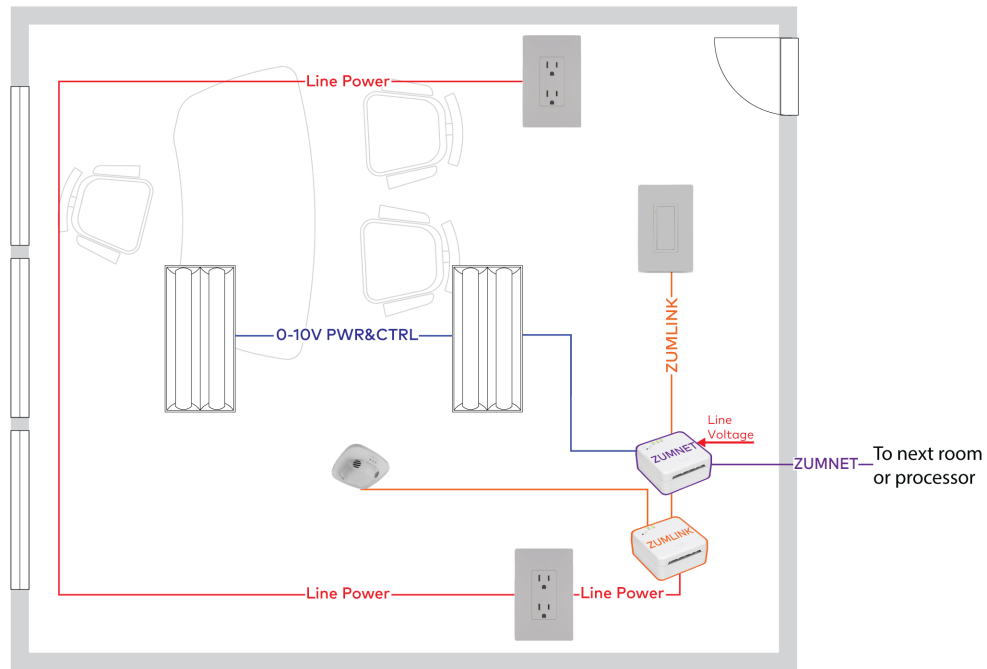
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- Manual Control Device**
9.4.1.1(a)
Physical control interface for occupant








- Programmable Timeclock**
9.4.1.1(c), 9.4.1.1(i)
Programmed time Auto On, Auto Off

- Daylight Response**
9.4.1.1(e), 9.4.1.4(a)
Light level control based on daylighting

Zūm® Wired: 0 - 10V Drivers



Bill of Materials

Item	Product	Qty
	ZUMNET-JBOX-16A-LV Zūm Net, Dimmer, 0-10V, 16A	1
	ZUMLINK-JBOX-20A-PLUG Zūm Link, Plug, 20A	1
	ZUMLINK-KP Zūm Link Keypad, Manual Control	1
	ZUMLINK-DT-QUATTRO-DLS Zūm Link Presence Detector/ Closed-Loop Daylight Sensor	1
	Receptacle	2
	CBL-CAT5E-ZUMLINK-P Zūm Link CAT5e, various lengths	TBD
	CBL-CAT5E-ZUMNET-P Zūm Net CAT5e, various lengths	TBD

Code

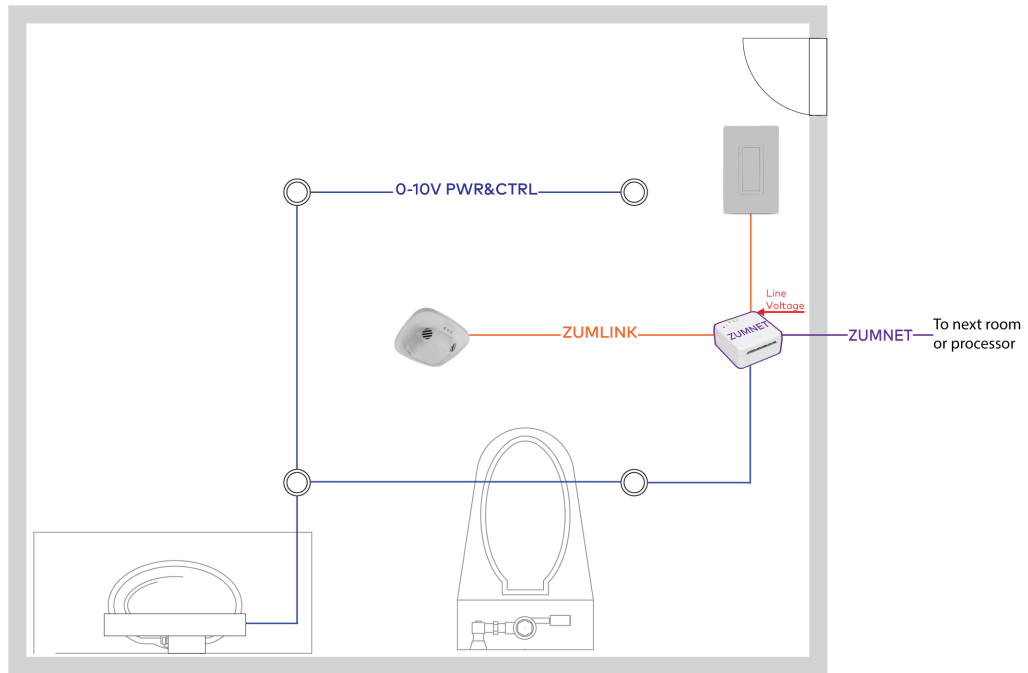
- Manual Control Device**
9.4.1.1(a)
Physical control interface for occupant

- Vacancy Sensor**
9.4.1.1(b), 9.4.1.1(h)
Motion detection: Manual On, Automatic Off






- Daylight Response**
9.4.1.1(e), 9.4.1.4(a)
Light level control based on daylighting

- Controlled Receptacles**
8.4.2(a), 8.4.2(b), 8.4.2(c)
Control of receptacle power

Zūm® Wired: 0 - 10V Drivers



Bill of Materials

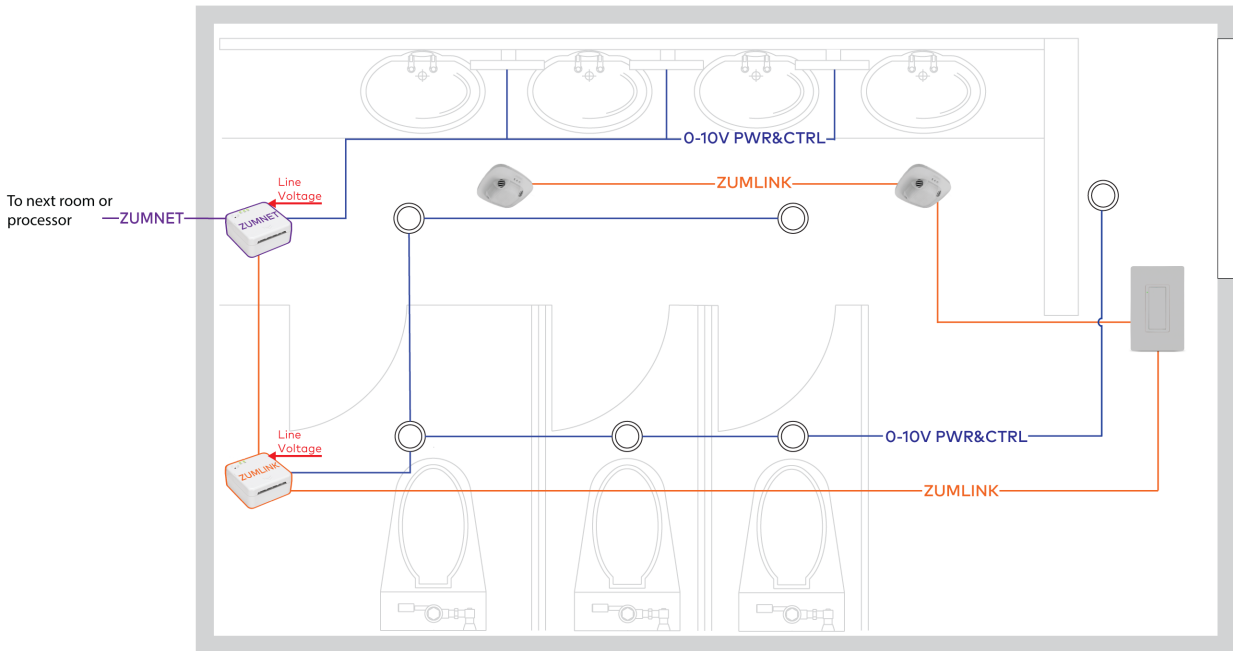
Item	Product	Qty
	ZUMNET-JBOX-16A-LV Zūm Net, Dimmer, 0-10V, 16A	1
	ZUMLINK-KP Zūm Link Keypad, Manual Control	1
	ZUMLINK-DT-QUATTRO-DLS Zūm Link Presence Detector/ Closed-Loop Daylight Sensor	1
	CBL-CAT5E-ZUMLINK-P Zūm Link CAT5e, various lengths	TBD
	CBL-CAT5E-ZUMNET-P Zūm Net CAT5e, various lengths	TBD

Code







Occupancy Sensor
9.4.1.1(c), 9.4.1.1(h)
Motion detection: Automatic On, Automatic Off

Daylight Response
9.4.1.1(e), 9.4.1.4(a)
Light level control based on daylighting

Zūm® Wired: 0 - 10V Drivers



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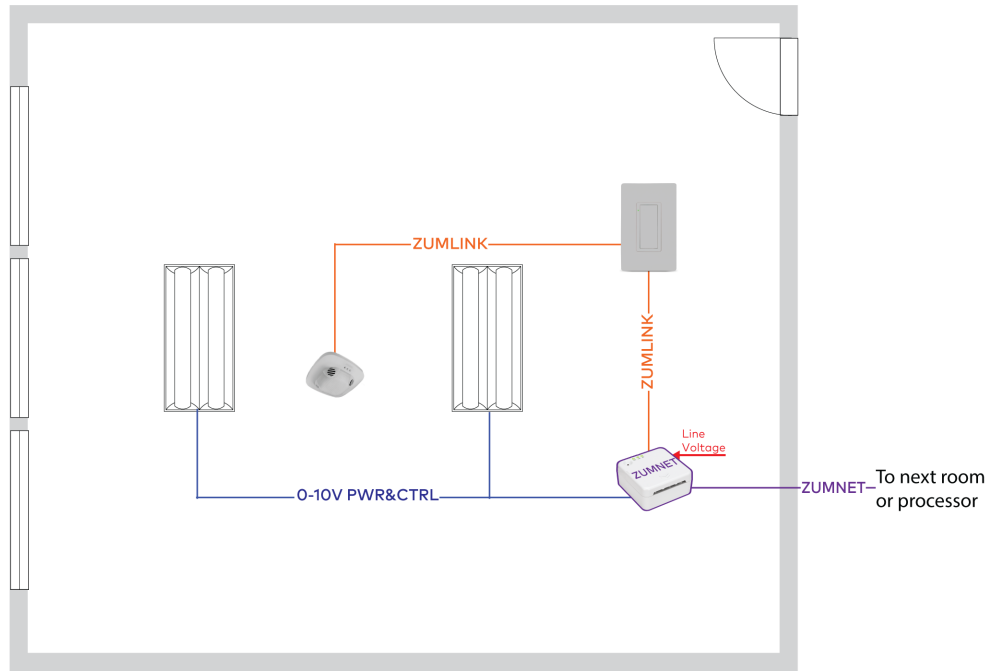
Item	Product	Qty
	ZUMNET-JBOX-16A-LV Zūm Net, Dimmer, 0-10V, 16A	1
	ZUMLINK-JBOX-16A-LV Zūm Link, Dimmer, 0-10V 16A	1
	ZUMLINK-KP Zūm Link Keypad, Manual Control	1
	ZUMLINK-DT-QUATTRO-DLS Zūm Link Presence Detector/ Closed-Loop Daylight Sensor	2
	CBL-CAT5E-ZUMLINK-P Zūm Link CAT5e, various lengths	TBD
	CBL-CAT5E-ZUMNET-P Zūm Net CAT5e, various lengths	TBD

Code






Occupancy Sensor
9.4.1.1(c), 9.4.1.1(h)
Motion detection: Automatic On, Automatic Off

Daylight Response
9.4.1.1(e), 9.4.1.4(a)
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	ZUMLINK-DT-QUATTRO-DLS Zūm Link Presence Detector/ Closed-Loop Daylight Sensor	1
	CBL-CAT5E-ZUMLINK-P Zūm Link CAT5e, various lengths	TBD
	CBL-CAT5E-ZUMNET-P Zūm Net CAT5e, various lengths	TBD

Code

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9.4.1.1(a)
Physical control interface for occupant
- Vacancy Sensor**
9.4.1.1(b), 9.4.1.1(h)
Motion detection: Manual On, Automatic Off
- Daylight Response**
9.4.1.1(e), 9.4.1.4(a)
Light level control based on daylighting

Contact Info

Name

Company

Address 1

Address 2

City, State, Zip

Phone

Email

Website

Project Notes

Square Footage

Cost/Sq. Ft.

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