



# ASHRAE 2019 Zūm<sup>®</sup> Wired Solutions Healthcare Applications

Crestron Electronics, Inc.

**Original Instructions**

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All other languages are a translation of the original instructions.

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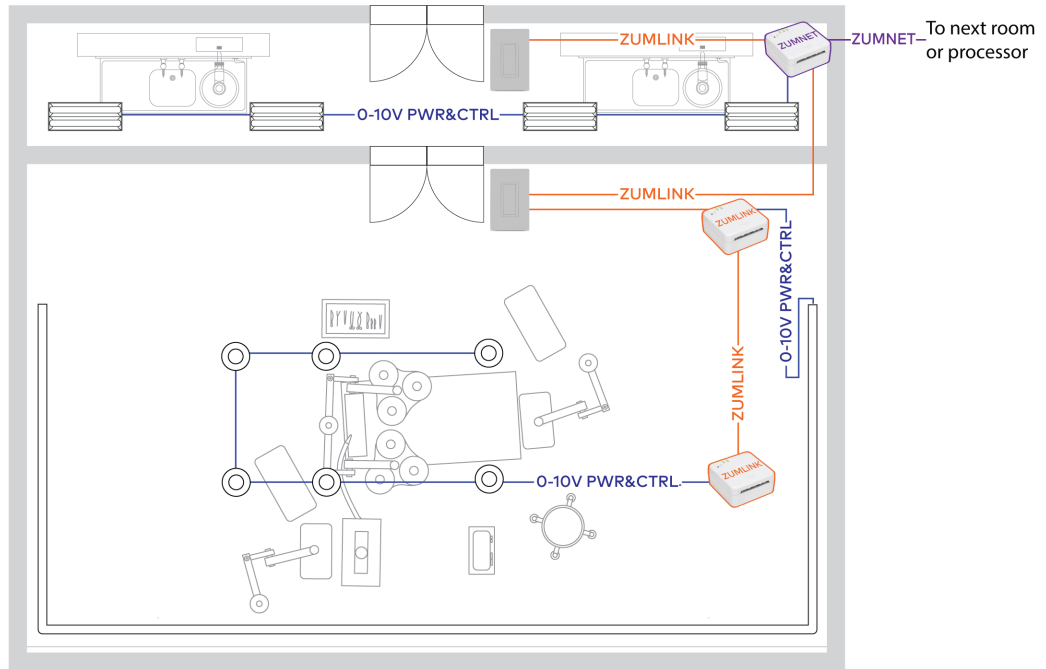
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# Zūm® Wired: 0 - 10V Drivers



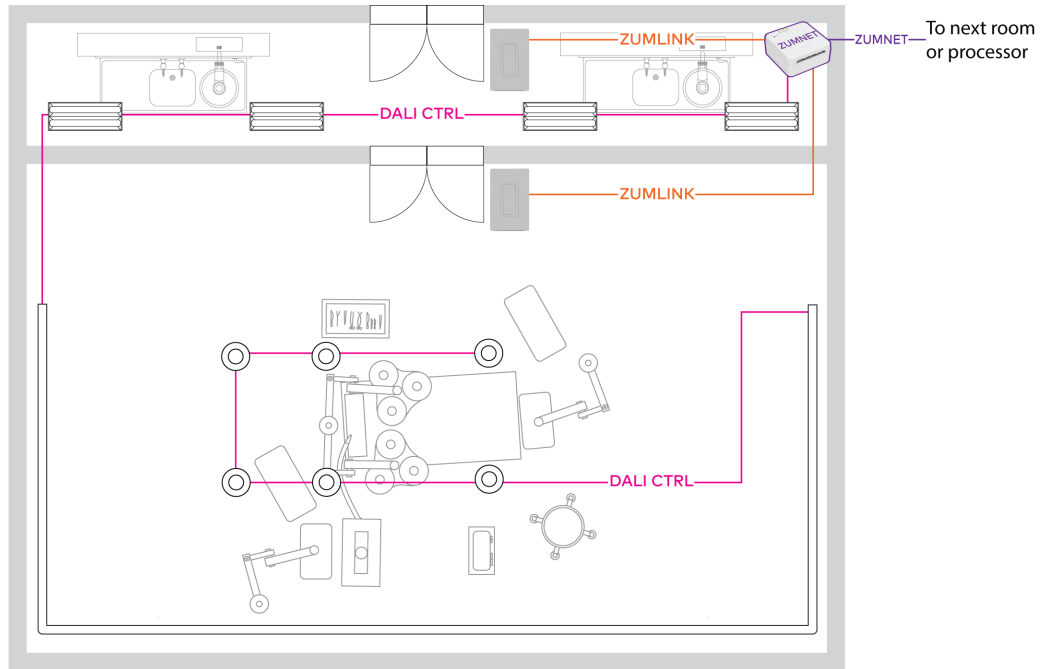
## Bill of Materials

Item	Product	Qty
	ZUMNET-JBOX-16A-LV Zūm Net, Dimmer, 0-10V, 16A	1
	ZUMLINK-JBOX-16A-LV Zūm Link, Dimmer, 0-10V 16A	2
	ZUMLINK-KP Zūm Link Keypad, Manual Control	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
- 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



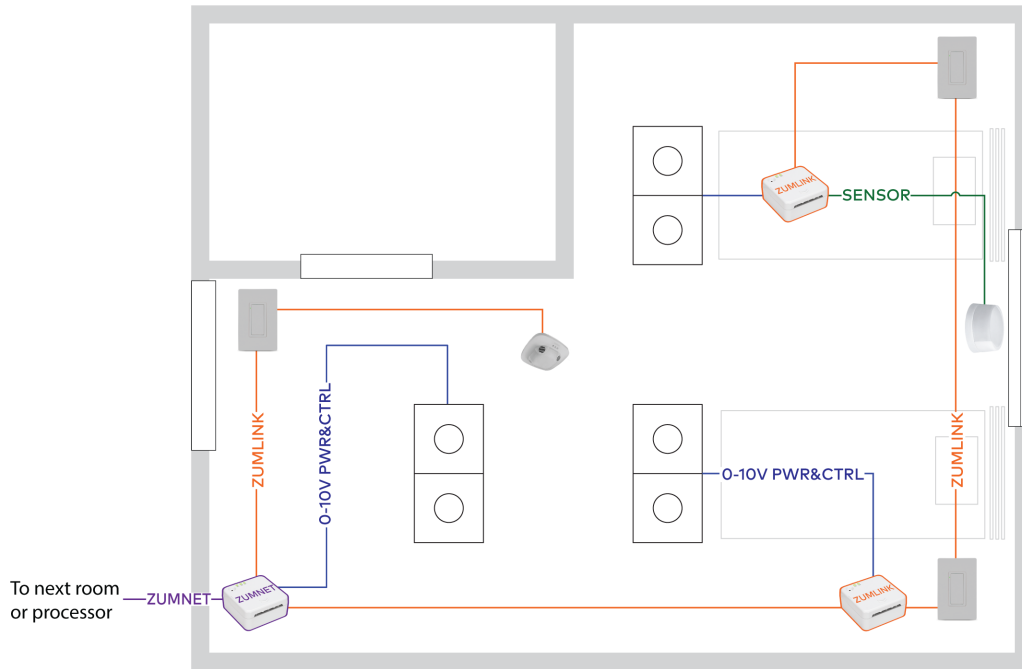
## Bill of Materials

Item	Product	Qty
	ZUMNET-JBOX-DALI Zūm Net, DALI	1
	ZUMLINK-KP Zūm Link Keypad, Manual Control	2
	CBL-CAT5E-ZUMLINK-P Zūm Link CAT5e, various lengths	TBD
	CBL-CAT5E-ZUMNET-P Zūm Net CAT5e, various lengths	TBD








## Code

<b>Manual Control Device</b> 9.4.1.1(a) Physical control interface for occupant
<b>Programmable Timeclock</b> 9.4.1.1(c), 9.4.1.1(i) Programmed time Auto On, Auto Off
<b>Daylight Response</b> 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	2
	ZUMLINK-KP Zūm Link Keypad, Manual Control	3
	ZUMLINK-DT-QUATTRO-DLS Zūm Link Presence Detector/ Closed-Loop Daylight Sensor	1
	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

## Code

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

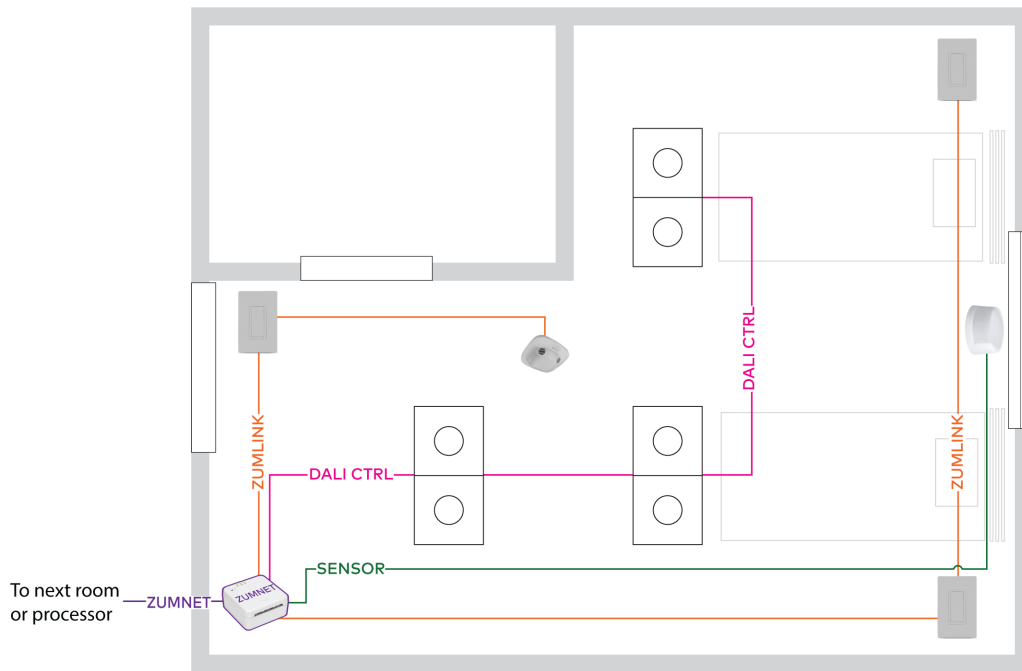
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- Vacancy Sensor**  
9.4.1.1(b), 9.4.1.1(h)  
Motion detection: Manual On, Automatic Off







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- 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	3
	ZUMLINK-DT-QUATTRO-DLS Zūm Link Presence Detector/ Closed-Loop Daylight Sensor	1
	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

## Code

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

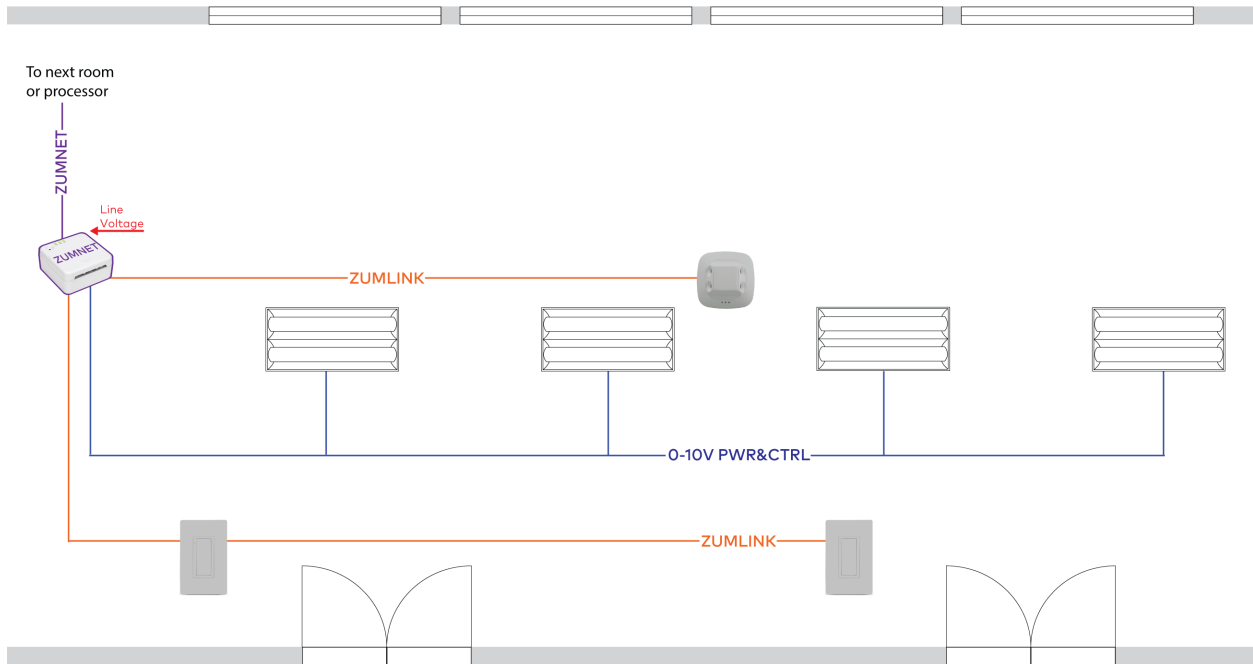
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- Vacancy Sensor**  
9.4.1.1(b), 9.4.1.1(h)  
Motion detection: Manual On, Automatic Off






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

## Züm® Wired: 0 - 10V Drivers



## Bill of Materials

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

## Code

**Manual Control Device**

9.4.1.1(a)  
Physical control interface for occupant

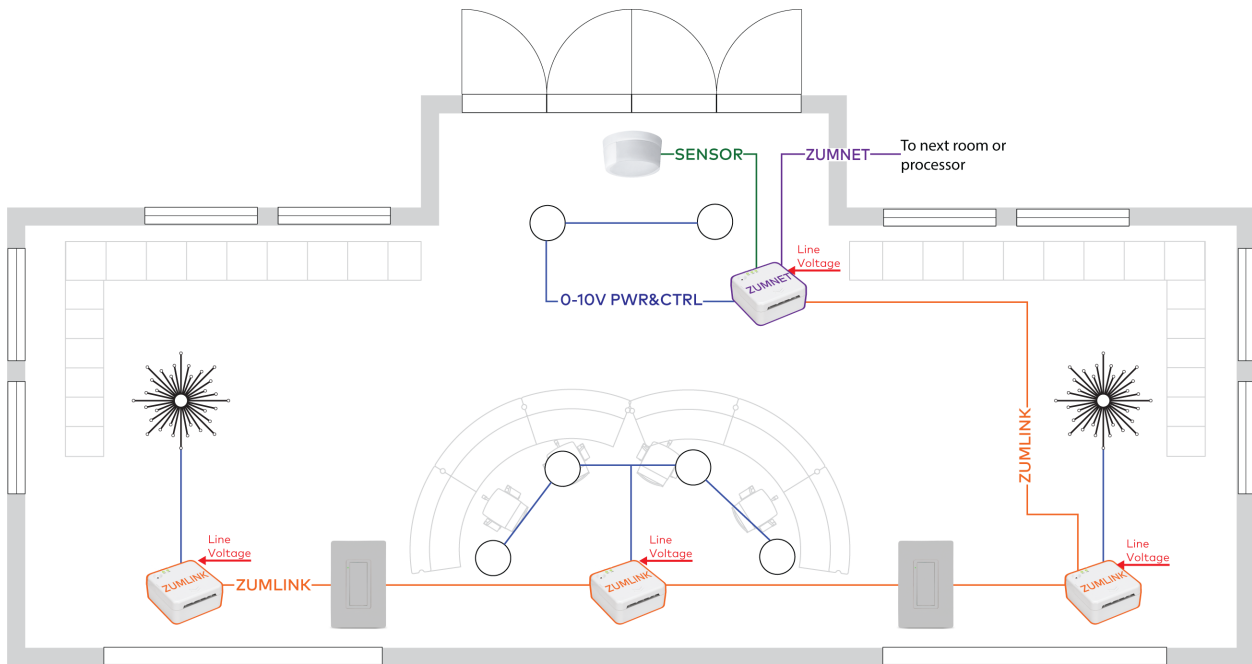
**Occupancy Sensor**

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

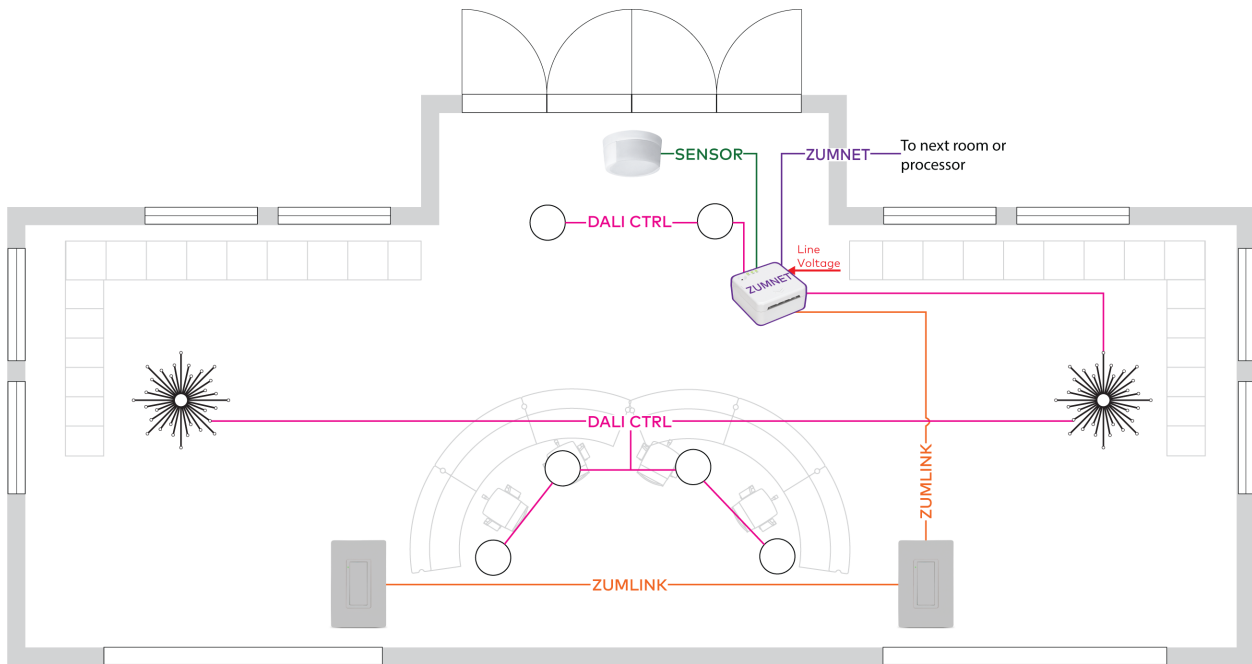
Item	Product	Qty
	ZUMNET-JBOX-16A-LV Zūm Net, Dimmer, 0-10V, 16A	1
	ZUMLINK-JBOX-16A-LV Zūm Link, Dimmer, 0-10V 16A	3
	ZUMLINK-KP Zūm Link Keypad, Manual Control	2
	GLA-LDL-PC-0-10 Open/Closed Loop Daylight Sensor	1
	CBL-CAT5E-ZUMLINK-P Zūm Link CAT5e, various lengths	TBD
	CBL-CAT5E-ZUMNET-P Zūm Net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

## 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



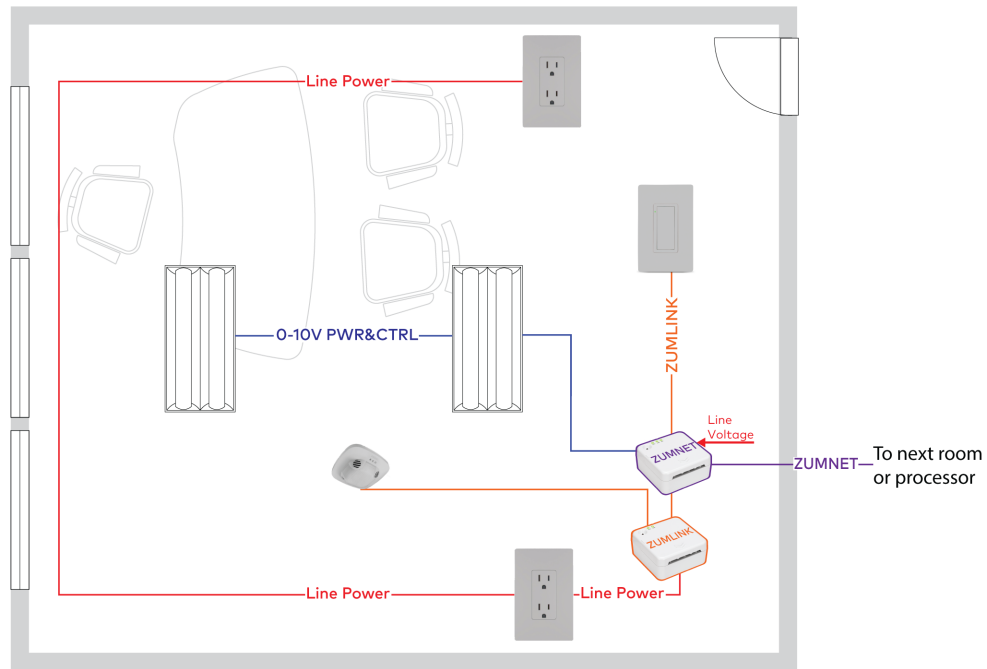
## Bill of Materials

Item	Product	Qty
	ZUMNET-JBOX-DALI Zūm Net, DALI	1
	ZUMLINK-KP Zūm Link Keypad, Manual Control	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








## 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: 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

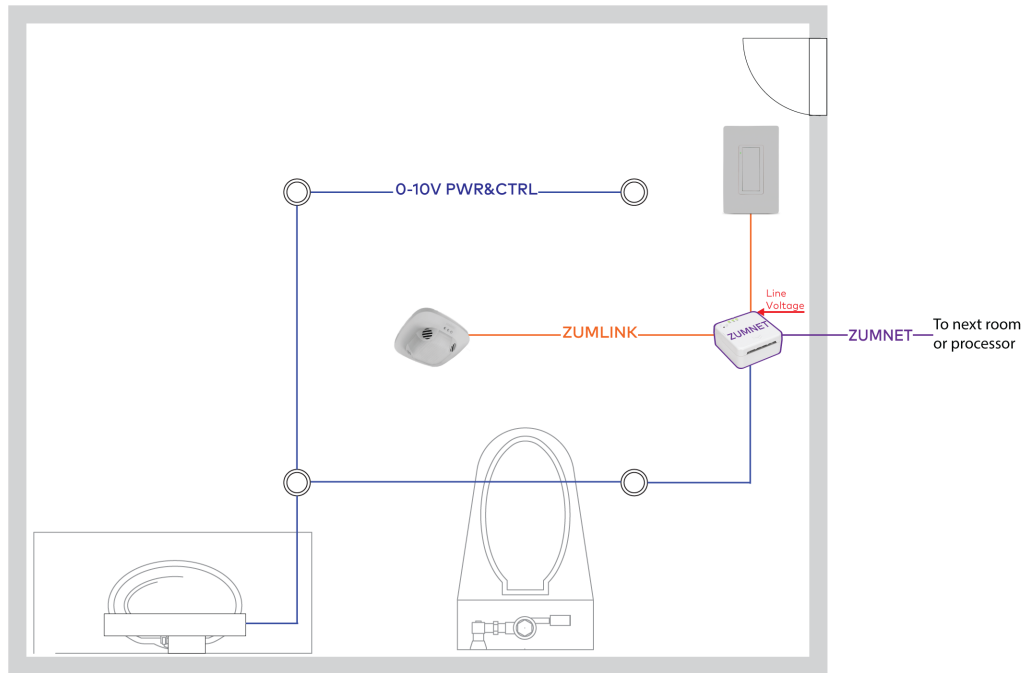
**Manual Control Device**  
9.4.1.1(a)  
Physical control interface for occupant

**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

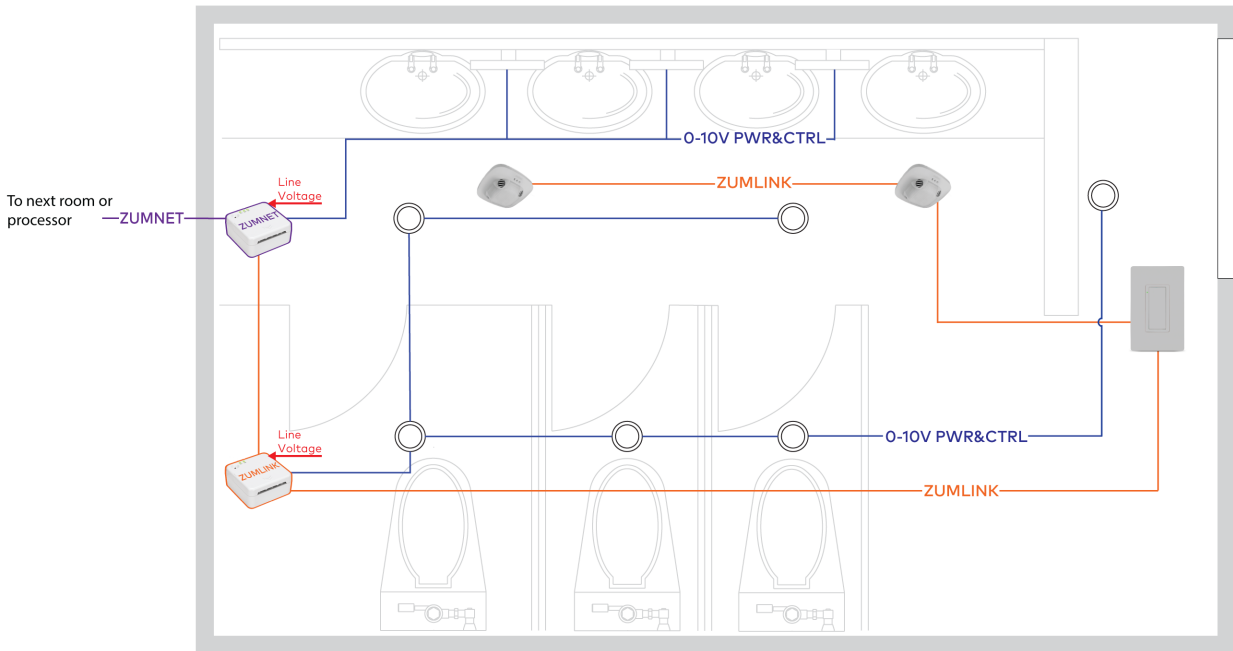
Item	Product	Qty
	ZUMNET-JBOX-16A-LV Zūm Net, Dimmer, 0-10V, 16A	1
	ZUMLINK-KP Zūm Link Keypad, Manual Control	1
	ZUMLINK-DT-QUATTRO-DLS Zūm Link Presence Detector/ Closed-Loop Daylight Sensor	1
	CBL-CAT5E-ZUMLINK-P Zūm Link CAT5e, various lengths	TBD
	CBL-CAT5E-ZUMNET-P Zūm Net CAT5e, various lengths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



## Bill of Materials

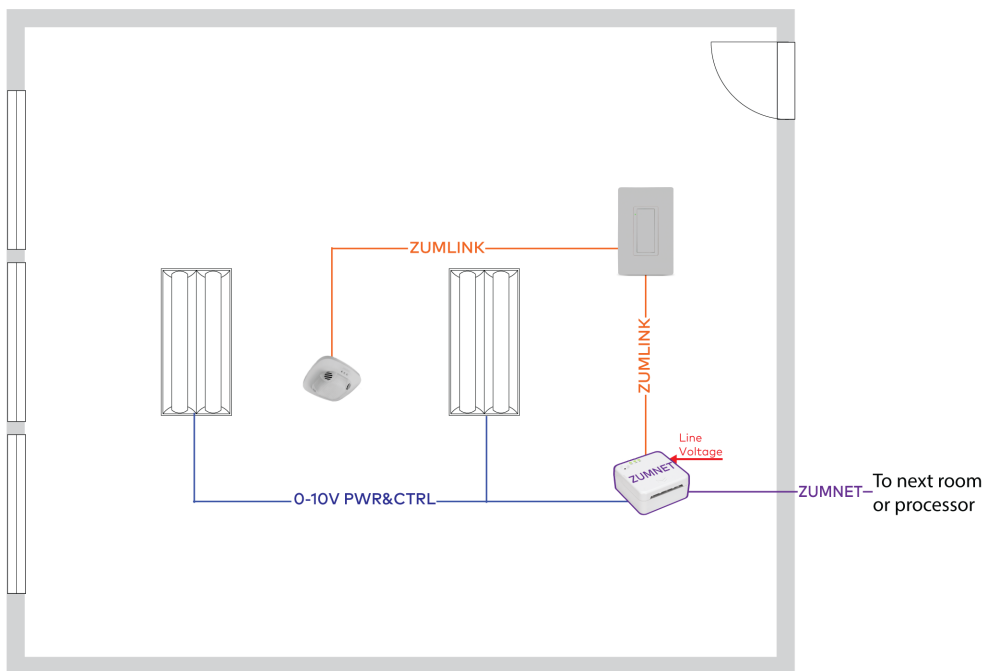
Item	Product	Qty
	ZUMNET-JBOX-16A-LV Zūm Net, Dimmer, 0-10V, 16A	1
	ZUMLINK-JBOX-16A-LV Zūm Link, Dimmer, 0-10V 16A	1
	ZUMLINK-KP Zūm Link Keypad, Manual Control	1
	ZUMLINK-DT-QUATTRO-DLS Zūm Link Presence Detector/ Closed-Loop Daylight Sensor	2
	CBL-CAT5E-ZUMLINK-P Zūm Link CAT5e, various lengths	TBD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

- 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

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**Contact Info**

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Name

Company

Address 1

Address 2

City, State, Zip

Phone

Email

Website

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**Project Notes**

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**Square Footage**

**Cost/Sq. Ft.**

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