

OVERVIEW

The push-button Dimming Series of wall stations are a cost-effective solution for commercial lighting applications. Additionally, all sPODMRA switches have a patent pending wiring method that enables them to function either with or without a neutral connection. sPODMRA units come preconfigured for wiring without a neutral, however, if a connection to neutral is required by code, contractors can convert the unit in seconds.

FEATURES

- Programmable without removing switch plate
- MWO option supports up to 9 MWO devices when using a neutral
- sPODMRA MWO can be used in conjunction with WSXA MWO
- Compatible with 0-10V dimming
- Include Screwless Wall Plate: Available in WH, IV, GY, AL, BK, RD
- Each MWO device can switch and dim individually
- Switching and Dimming will be performed simultaneously across the devices connected through the communication wire

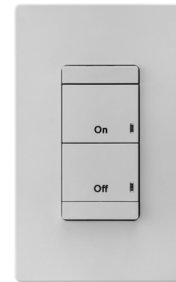
Warranty

Five-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.



sPODMRA Series Wall Switch



**sPODMRA
On/Off
Single Relay**



**sPODMRA D
On/Off/Dimming
Single Relay**



ORDERING INFORMATION

spodmra		Example: sPODMRA MWO D 347 WH											
Series		eldoLED		Dimming		Voltage		Color ³		Max Dim Level ⁴		Min Dim Level ⁴	
sPODMRA	Switchpod	[blank]	none	[blank] ²	none	[blank]	120-277 VAC	WH	White	[blank]	10 VDC	[blank]	0 VDC
sPODMRA MWO	Switchpod with Multi-way (3-Way) Operation	EZ ¹	eldoLED Driver Compatibility	D	Dimming	347 ²	347 VAC	IV	Ivory	9H	9 VDC	1V	1 VDC
								GY	Gray	8H	8 VDC	2V	2 VDC
								AL	Almond	7H	7 VDC	3V	3 VDC
								BK	Black			4V	4 VDC
								RD	Red			5V	5 VDC
												6V	6 VDC

Notes:

1. Max Dim Level default set to 9.1 VDC. Min Dim Level default set to 1.5 VDC.
2. Matching wall plate not included with 347 VAC units.
3. Matching wall plate provided for 120-277 VAC units.
4. For setting other than default, minimum order quantity of 30 units.
5. ONLY available with the MWO Series.

SSW				Example: SSW 1GNG OCC WH			
Series		Number of Gangs		Mount		Color	
SSW	Sealed Screwless Wall-Plate	1GNG	Single Gang	[blank]	Standard Wall Switch	WH	White
				OCC	Occ. Wall Switch	IV	Ivory
						RD	Red

WALLP					
Series		Color		Multi-Pack Size	
WALLP1	Screwless Wall Plate Single Gang	WH	White	M5	(5 Wall Plates)
		IV	Ivory		
WALLP2	Screwless Wall Plate Dual Gang	GY	Gray		
		AL	Light Almond		
		BK	Black		
		RD	Red		

SPECIFICATIONS

Electrical

Input Ratings 120-277VAC, 50/60 Hz
347VAC, 50/60 Hz (with 347 option)

Output Ratings 120VAC, 800W, 6.7A - Tungsten, Standard Ballast, Electronic Ballast
277VAC, 1200W, 4.3A - Tungsten, Standard Ballast, Electronic Ballast
347VAC, 1500W, 4.3A - Tungsten, Standard Ballast, Electronic Ballast
120/277/347VAC, 1/4 HP - Motor

Relay Type Latching

Low Voltage Output Ratings 0-10VDC, Sinks <50mA

Standards/ Ratings Energy Management Equipment, UL916 (E167435)

Mechanical

Dimensions 2.74"H x 1.68"W x 1.63"D (70mm x 43mm x 41mm) - does not include ground strap

Mounting Single-Gang Box

Connection Type Low-Voltage Leads, Line-Voltage Leads

Environmental

Warrantied Operating Temperature 32°F to 140°F (0°C to 60°C)

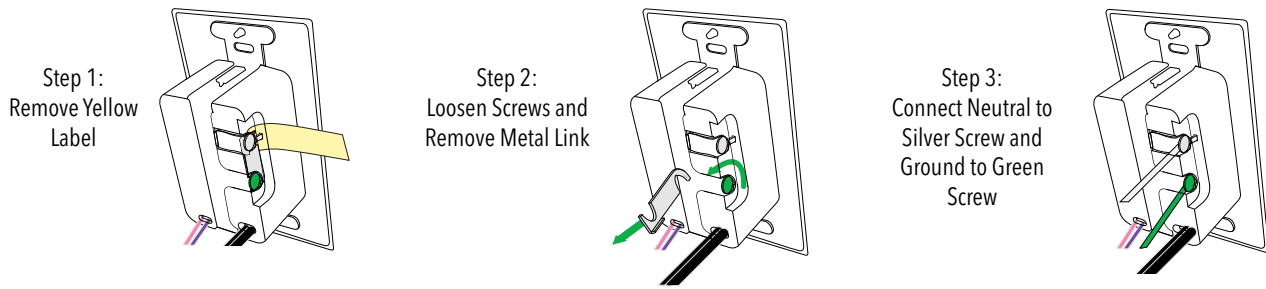
Relative Humidity Up to 90%, Non-Condensing

Standards/ Ratings RoHS

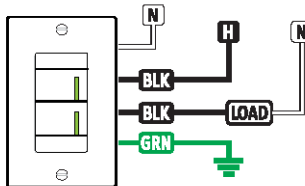
WIRING

CONVERSION FROM GROUND ONLY (NO NEUTRAL) TO NEUTRAL WIRING

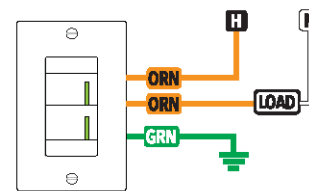
This product is pre-configured for wiring without a neutral; however, if connection to neutral is required by code, the unit easily converts in seconds.



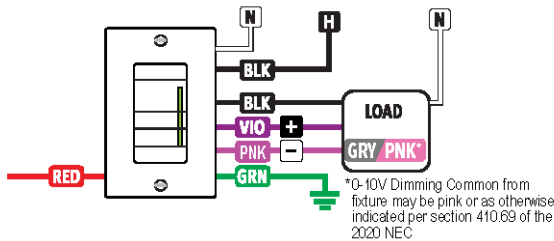
CONVERTIBLE NEUTRAL
SINGLE RELAY, 120-277 VAC



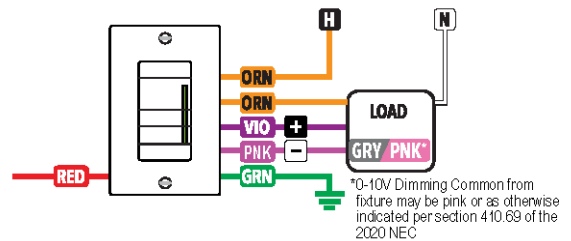
GROUND ONLY
SINGLE RELAY, 347 VAC



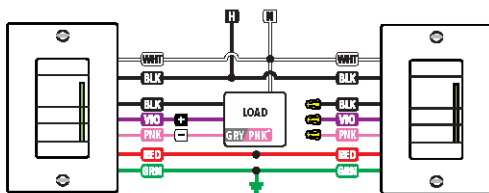
SINGLE RELAY, 120-277 VAC



SINGLE RELAY, 347 VAC



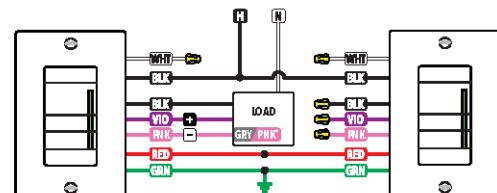
SINGLE RELAY, MULTI-WAY CONFIGURATION, 120-277 VAC



Note: up to 9 with neutral

*0-10V Dimming Common may be pink or as otherwise indicated per section 410.69 of the 2020 NEC

SINGLE RELAY, MULTI-WAY CONFIGURATION, 120-277 VAC



Note: up to 2 with neutral-less

*0-10V Dimming Common may be pink or as otherwise indicated per section 410.69 of the 2020 NEC

WIRE COLOR KEY

120-277 VAC WIRING

- BLK - Line Input
- BLK - Line Output
- VIO - Low Voltage Dim Output (0-10 VDC)
- PNK 1 - Low Voltage Common (0-10VDC)
- RED - Low Voltage Communication Wire

347 VAC WIRING (-347 Option)

Orange (ORN) wires replace black (BLK) wires

Notes:

1. Some Pink wires may come as Gray

NOTES

- Designed for constant hot power, not downstream of a line voltage switching relay
- Black wires can be used interchangeably
- 0-10V wires are not present on devices without D option
- Cap off 0-10V wires if dimming functionality is not being used
- Red Wire is not present on devices without MWO option
- Cap off red wire if Multi-Way functionality is not being used
- For ground Multi-Way Configurations ground must come from same source
- For neutral conversion Multi-Way Configurations power must come from the same panel
- Per NEC requirements, the 0-10V wires must be installed as class 1.
- The low voltage communication bus and 0-10V wires must not exceed 250 ft (76 m) and sized no less than 20 AWG.
- Dimming wires from individual MWO devices should only connect with fixture/driver dimming wires and never to another MWO device
- Low voltage communication bus is class 1. Do not wire line voltage to MWO bus, red wire.