



SINGLE-POLE PHASE DIMMER & SWITCH

LINE VOLTAGE



SENSORWORX®

OVERVIEW

The **SENSORWORX** phase dimmer provides manual dimming control of 120V lighting from a single location. With no minimum load requirements, this stand alone dimmer is perfect for any lighting zone. Additionally, at less than one inch deep, the unit is significantly shallower than typical dimmers. This results in less crowded wall boxes and quicker installation. All **SENSORWORX** products are proudly made in the USA.

FEATURES

ELECTRICAL FEATURES

- Dims LED, CFL, ELV, & Incandescent Lighting Loads
- Selectable Reverse (default) and Forward Phase Dimming in Same Unit
- No Minimum Load Ratings - Relay Based Switching (i.e. non-Triac)
- Overload Protection Monitors & Protects Unit from Overheating

PHYSICAL FEATURES

- Enclosure is 25-40% Shallower than Other Dimmers (< 1" Depth into Wallbox)
- Modern Look and Individual Easy-Tap Buttons for On, Off, Raise, & Lower
- Matches Styling of other SWX Wall Devices
- Self-Grounding Mounting Strap
- Blue Locator LED when Lights are Off

OPERATIONAL FEATURES

- White LED Indicator Changes Intensity as Dim Level is Adjusted
- Configurable Dimming Parameters including High/Low Trims, & Turn on Levels
- Programmable Dimming Curves
- Settings are Adjustable without Removing Cover Plate
- Unit Retains Level Setting after Power Outage

SPECIFICATIONS

ELECTRICAL

OPERATING VOLTAGE

120VAC, Single Phase, 50/60 Hz

LOAD RATINGS

MAX: 150W CFL/LED
375W ELV
375W Incandescent/Halogen
MLV (consult factory)

MIN: None

LOAD TYPES

Electronic Low Voltage
LED Driver/Lamps
CFL, Electronic/Magnetic Ballasts
(Fluorescent)
Tungsten (Incandescent)
Halogen
MLV (consult factory)

ESD IMMUNITY

Tested to withstand electrostatic discharge without damage or memory loss.

SURGE IMMUNITY

Tested to withstand surge voltages without damage or loss of operation.

NON-VOLATILE MEMORY

Saves all settings even if power is disrupted.

PHYSICAL

SIZE

2.74"H x 1.68"W x 1.39"D
(6.96 x 4.27 x 3.53 cm)
<1" Wallbox Mounting Depth

WEIGHT

4.5 oz

MOUNTING

Single Gang Switch Box

LED STATUS INDICATOR

Bi-color White & Blue

ENVIRONMENTAL

OPERATING TEMP

32°F to 86°F (0°C to 30°C)
(for full load operation)

RELATIVE HUMIDITY

0-95% Non-Condensing
Indoor Use Only



ORDERING INFO

SAMPLE MODEL # SWX-864-ELV-WH

PRODUCT DESCRIPTION	COLOR*	PACKAGE COUNT
SWX-864-ELV Single-Pole Phase Dimmer & Switch, 120VAC - Reverse Phase (for Electronic Low Voltage/LED/CFL/ Incandescent/Halogen) or Forward Phase	White - WH	Gray - GY
	Ivory - IV	Black - BK
	Light Almond - LA	
		Single Pack Blank 10 Pack** -J10

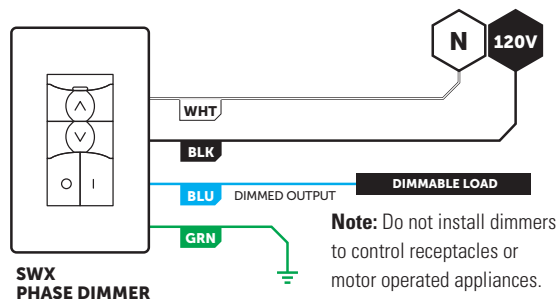
*WALLPLATE NOT INCLUDED

ACCESSORY PART #	COLOR	PACKAGE COUNT
SWX-199 Single Gang Wall Plate	White - WH	Gray - GY
	Ivory - IV	Black - BK
	Light Almond - LA	
		10 Pack** - J10

** THE CONTRACTOR PACK OPTION (-J10) REDUCES JOB SITE WASTE AND INVENTORY TIME

WIRING

DIMMING FROM A SINGLE LOCATION



DIMMING FROM MULTIPLE LOCATIONS (e.g. 3-way)

This phase dimmer is not designed for installation or usage in multiway (e.g. 3-way) applications. For dimming in those applications, the **SENSORWORX** wireless phase dimmer (model series **SWX-874**) and a wireless companion dimmer (model series **SWX-854**) is required.

INSTALLATION

- Designed to mount in 1-gang wall box with 3.28" hole spacing.
- Units can also share multiple gang wall boxes with other devices.
- Unit face is field removable in order to change colors. Contact factory for additional faces.

SWX-864-ELV

