Catalog Number: | Date: | Project:

SENSOR SWITCH JOT (JUST ONE TOUCH) OVERVIEW

The Sensor Switch JOT-enabled solution offers a wireless, app-free approach to single room lighting control. Absolutely no 0-10V control wires and no mobile apps are needed to install and pair JOT enabled products, allowing for lightning speed installation right out of the box. Learn more at www.acuitybrands.com/JOT.

WSXA JOT OVERVIEW

The WSXA JOT wall switch sensor uses Bluetooth® Low Energy (BLE) technology to enable room level dimming, occupancy sensing and daylight harvesting. This simple, cost-effective solution is ideal for small commercial indoor spaces that require small motion detection up to 20 ft (6.10 m) such as private offices, conference rooms, closets, copy rooms or any other small enclosed space.

WSXA JOT is only compatible with JOT-enabled fixtures and controls. Pairing in-circuit JOT-enabled devices is initiated with just one touch of the provisioning button using the provisioning tool provided with each unit. Once pairing is complete, settings can be changed using changing push-button programming or the Clairity mobile app.

WSXA JOT units come pre-configured for neutral-less wiring. If a connection with neutral wiring is required, contractors can convert the unit in seconds.

FEATURES

- Wireless dimming and switching without 0-10V control wires
- Product pairing without mobile apps and laptops
- Functions with or without a neutral connection
- Occupancy and daylight sensing for code compliance
- Ideal for both new construction and renovation projects
- 100% passive detection
- Small motion detection up to 20 ft
- Programmable via push-button or Clairity mobile app
- Passive dual technology (PDT) utilizes PIR/Microphonics™ detection
- Vandal resistant lens
- Fully meets NEC 2017 Section 404.2C neutral requirements - no current leakage to ground when connected to neutral
- International Regulatory Certification (FCC/ISED)
- A JOT group can support up to 40 nodes

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.

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Acuity Brands is under license. Apple and the Apple logo are trademarks of Apple Inc. Android and Google Play are trademarks of Google, Inc. Other trademarks are property of their respective owners.

sensorswitch®

WSXA JOT

Wireless Wall Switch Sensor with Dimming, Occupancy Detection and Daylight Harvesting



JOT JUST ONE TOUCH | Available on the App Store | ANDROID APP ON Google play | c UL us LISTED

ORDERING INFORMATION

WSXA JOT — **Example: WSXA JOT PDT DX WH**

Series	Detection Mode	Dimming	Operating Mode	Voltage	Color
WSXA JOT Wireless Wall Occupancy Switch Sensor and Ambient Light Sensor.	[blank] (PIR) / Photocell PDT Dual Technology	DX Wireless Dimming	[blank] Automatic On SA Manual On ASL Automatic Start Level 5VDC	[blank] 120-277 VAC 347 347 VAC	WH White, IV Ivory, GY Gray, AL Lt. Almond, BK Black

Accessories/Replacement Parts: Order as separate catalog numbers

SSI JOTTOOL J10	Jot Tool 10 Pack

NOTES:

1. Matching wall plate provided for 120-277 VAC.

© 2014-2022 Acuity Brands Lighting, Inc. All rights reserved. Rev. 06/28/22

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

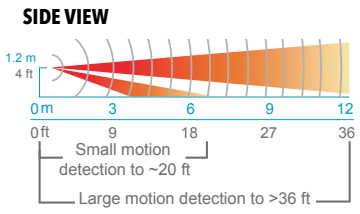
WALLP		
Series	**Color**	**Multi-Pack Size**
WALLP1 Screwless Wall Plate Single Gang WALLP2 Screwless Wall Plate Dual Gang	WH White IV Ivory GY Gray AL Light Almond BK Black RD Red	M5 (5 Wall Plates)

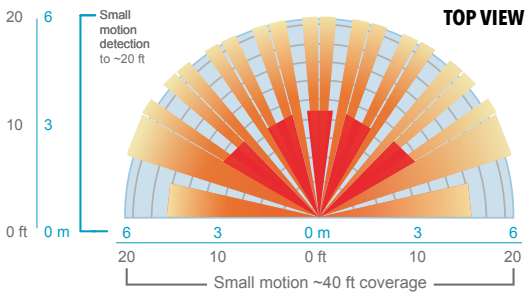
SPECIFICATIONS

Electrical	**Input Ratings**	120-277VAC, 50/60 Hz 347VAC, 50/60 Hz (with 347 option)
	Output Ratings	120VAC, 800W, 6.7A - Electronic Ballast 277VAC, 1200W, 4.3A - Electronic Ballast 347VAC, 1500W, 4.3A - Electronic Ballast
	Relay Type	Latching
	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	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

COVERAGE PATTERNS

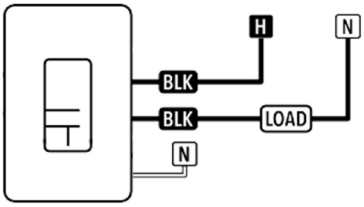
- Small motion (e.g. hand movements) detection up to 20 ft (6.10 m), ~625 ft²
- Large motion (e.g. walking) detection greater than 36 ft (10.97 m), ~2025 ft²
- Wall-to-wall PIR coverage
- Units with -PDT (Passive Dual Technology) option (also called Microphonics) provide overlapping detection of human activity over the complete PIR coverage area. Advanced filtering is utilized to prevent non-occupant noises from keeping the lights on.
- Tested to NEMA WD 7-2011





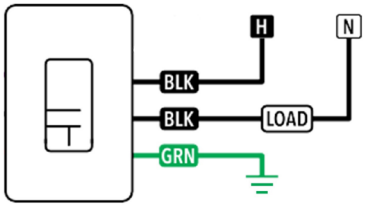
© 2014-2022 Acuity Brands Lighting, Inc. All rights reserved. Rev. 06/28/22

CONVERTIBLE NEUTRAL



120-277 VAC

GROUND ONLY



NOTES:
- Neutral wiring complies with all codes that restrict current over ground leakage.
- For 347 VAC red wires replace black wires

PRODUCT PAIRING PROCESS

1. Power: Install JOT enabled fixtures and controls as instructed.
2. Pair: Insert the pairing tool into the pinhole on the wall switch; press and hold any button for 6 seconds.
3. Play: Once paired, each fixture will individually dim down to 10% brightness. All products will be fully functional.

Inhibited Daylighting

The ambient light level at which the sensor prevents the lights from initially turning on is set to 5fc by default. Once on, the lights will remain on until the space becomes un-occupied (occupancy time delay expires and turns them off).

WARNING

Only use pre-packaged JOT tool to start pairing process.
DO NOT INSERT METAL INTO PIN HOLE!

© 2014-2022 Acuity Brands Lighting, Inc. All rights reserved. Rev. 06/28/22

Catalog Number: | Date: | Project:

SENSOR SWITCH JOT (JUST ONE TOUCH) OVERVIEW

The Sensor Switch JOT-enabled solution offers a wireless, app-free approach to single room lighting control. Absolutely no 0-10V control wires and no mobile apps are needed to install and pair JOT enabled products, allowing for lightning speed installation right out of the box. Learn more at www.acuitybrands.com/JOT.

WSXA JOT OVERVIEW

The WSXA JOT wall switch sensor uses Bluetooth® Low Energy (BLE) technology to enable room level dimming, occupancy sensing and daylight harvesting. This simple, cost-effective solution is ideal for small commercial indoor spaces that require small motion detection up to 20 ft (6.10 m) such as private offices, conference rooms, closets, copy rooms or any other small enclosed space.

WSXA JOT is only compatible with JOT-enabled fixtures and controls. Pairing in-circuit JOT-enabled devices is initiated with just one touch of the provisioning button using the provisioning tool provided with each unit. Once pairing is complete, settings can be changed using changing push-button programming or the Clairity mobile app.

WSXA JOT units come pre-configured for neutral-less wiring. If a connection with neutral wiring is required, contractors can convert the unit in seconds.

FEATURES

- Wireless dimming and switching without 0-10V control wires
- Product pairing without mobile apps and laptops
- Functions with or without a neutral connection
- Occupancy and daylight sensing for code compliance
- Ideal for both new construction and renovation projects
- 100% passive detection
- Small motion detection up to 20 ft
- Programmable via push-button or Clairity mobile app
- Passive dual technology (PDT) utilizes PIR/Microphonics™ detection
- Vandal resistant lens
- Fully meets NEC 2017 Section 404.2C neutral requirements - no current leakage to ground when connected to neutral
- International Regulatory Certification (FCC/ISED)
- A JOT group can support up to 40 nodes

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.

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Acuity Brands is under license. Apple and the Apple logo are trademarks of Apple Inc. Android and Google Play are trademarks of Google, Inc. Other trademarks are property of their respective owners.

sensorswitch®

WSXA JOT

Wireless Wall Switch Sensor with Dimming, Occupancy Detection and Daylight Harvesting



JOT JUST ONE TOUCH | Available on the App Store | ANDROID APP ON Google play | c UL us LISTED

ORDERING INFORMATION

WSXA JOT — **Example: WSXA JOT PDT DX WH**

Series	Detection Mode	Dimming	Operating Mode	Voltage	Color
WSXA JOT Wireless Wall Occupancy Switch Sensor and Ambient Light Sensor.	[blank] (PIR) / Photocell PDT Dual Technology	DX Wireless Dimming	[blank] Automatic On SA Manual On ASL Automatic Start Level 5VDC	[blank] 120-277 VAC 347 347 VAC	WH White, IV Ivory, GY Gray, AL Lt. Almond, BK Black

Accessories/Replacement Parts: Order as separate catalog numbers

SSI JOTTOOL J10	Jot Tool 10 Pack

NOTES:

1. Matching wall plate provided for 120-277 VAC.

© 2014-2022 Acuity Brands Lighting, Inc. All rights reserved. Rev. 06/28/22

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

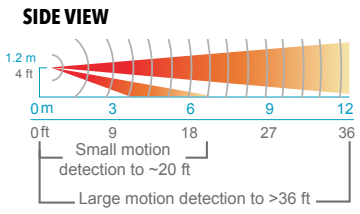
WALLP		
Series	**Color**	**Multi-Pack Size**
WALLP1 Screwless Wall Plate Single Gang WALLP2 Screwless Wall Plate Dual Gang	WH White IV Ivory GY Gray AL Light Almond BK Black RD Red	M5 (5 Wall Plates)

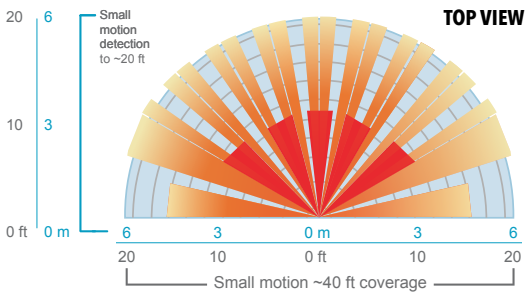
SPECIFICATIONS

Electrical	**Input Ratings**	120-277VAC, 50/60 Hz 347VAC, 50/60 Hz (with 347 option)
	Output Ratings	120VAC, 800W, 6.7A - Electronic Ballast 277VAC, 1200W, 4.3A - Electronic Ballast 347VAC, 1500W, 4.3A - Electronic Ballast
	Relay Type	Latching
	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	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

COVERAGE PATTERNS

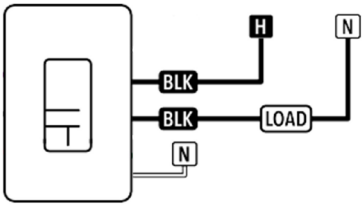
- Small motion (e.g. hand movements) detection up to 20 ft (6.10 m), ~625 ft²
- Large motion (e.g. walking) detection greater than 36 ft (10.97 m), ~2025 ft²
- Wall-to-wall PIR coverage
- Units with -PDT (Passive Dual Technology) option (also called Microphonics) provide overlapping detection of human activity over the complete PIR coverage area. Advanced filtering is utilized to prevent non-occupant noises from keeping the lights on.
- Tested to NEMA WD 7-2011





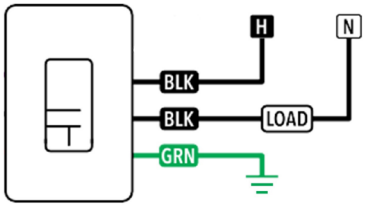
© 2014-2022 Acuity Brands Lighting, Inc. All rights reserved. Rev. 06/28/22

CONVERTIBLE NEUTRAL



120-277 VAC

GROUND ONLY



NOTES:
- Neutral wiring complies with all codes that restrict current over ground leakage.
- For 347 VAC red wires replace black wires

PRODUCT PAIRING PROCESS

1. Power: Install JOT enabled fixtures and controls as instructed.
2. Pair: Insert the pairing tool into the pinhole on the wall switch; press and hold any button for 6 seconds.
3. Play: Once paired, each fixture will individually dim down to 10% brightness. All products will be fully functional.

Inhibited Daylighting

The ambient light level at which the sensor prevents the lights from initially turning on is set to 5fc by default. Once on, the lights will remain on until the space becomes un-occupied (occupancy time delay expires and turns them off).

WARNING

Only use pre-packaged JOT tool to start pairing process.
DO NOT INSERT METAL INTO PIN HOLE!

© 2014-2022 Acuity Brands Lighting, Inc. All rights reserved. Rev. 06/28/22