Keilton +autani

PPA102S Series

Line Voltage 6A BT Fixture Controller

PPA102S.B1
PPA102S.C1
PPA102S.C2

PPA102S.F1

Description

The PPA102S Bluetooth Fixture Controller enables seamless conversion of luminaires to wireless control for integration with the Keilton+autani system. Device settings and commissioning are configured through the Keilton+autani mobile application. The PPA102S can be connected to Keilton+autani Eco Sensors by a PH2.0 port for plug-and-play, direct wire termination, or daisy-chain multiple sensors utilizing an RJ45 connector.

Features

- 120-277VAC or 120-347VAC Input
- Integrated 6A relay
- Offers 12V, 200mA output power to sensors
- Attaches with standard 1/2" knockout
- Provides 0-10VDC dimmable single or dual channel output

Specifications

Input Voltage	AC120-277V
Frequency	50/60Hz
Output Voltage	AC120-277V
Output Current	6A Max
Output Power	720W Max @ 120V, 1662W Max @ 277V, 2082W Max @ 347V
Dimming	Class 2, 0-10V DC 10mA Max
Sinking Current	10mA Max
Bluetooth Transmit	200ft Max
Radio Frequency	2.4GHz ± 75MHz
Bluetooth Version	5.0
Housing Material	UL 94-5VA
Indoor/Outdoor Use	Indoor Use
Operating Temperature	-30°C to 65°C, -22°F to 149°F
Storage Temperature	-30°C to 85°C, -22°F to 185°F
IP Rating	IP20
Color	White
Warranty	5 year warranty
Compliance	UL8750, UL2043, UL1376, RoHS
Safety	cULus Listed LED Controller E504054 FCC ID: 2A26YLTKTVT2022 DID: D061367 DLC: NLTRC5KL0TN

Ordering Information

Model	Sensor Input	Voltage	Relay Rating	Line Voltage Wire Gauge	0-10V Wires	Dual 0-10V (CCT Tunable)	PH2.0 Eco Connector**	RJ45 Eco***
PPA102S.B1	Microwave****	120-277V	6A	18 Gauge	X		X	
PPA102S.C1	PIR + DLH*				X		X	
PPA102S.C2					X	X	X	
PPA102S.F1		120-347V			X		X	X

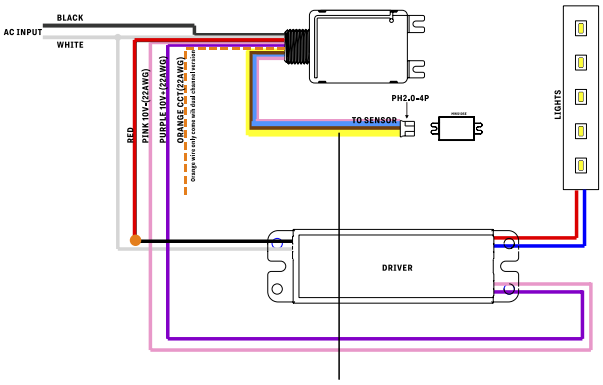
* PIR + DLH - PIR Occupancy Sensing and Daylight Harvesting
** PH2.0 Eco Connector - Used to plug directly into Eco Sensors
***RJ45 Eco - RJ45 jack provided for using CAT5 cable to connect one or daisy chain multiple Eco Sensor products (requires RTP splitter, sold separately)
****Adjustable sensitivity, does not support DLH

Ordering Information - Accessories

Model	Description	Works With	Mounting Height Range
MWS105E	Microwave In-Fixture Sensor	Microwave Models Only	8-20’
IFS105E.A0	Round, 1/2” KO Sensor	DLH* Compatible Power Packs	8-12’
IFS108E.A0	OEM Install Rectangular Sensor		8-12’
RTP	Converter from RJ45 to PH2.0 connector (supports daisy chaining of devices)	Works with PPA102S.F1 only	N/A
EFS107E.A0	Low-Voltage, Dual-Tech Ceiling Sensor		8-12’
MS107E.A0	Low-Voltage, Dual-Tech Wall/Ceiling Sensor		Varies

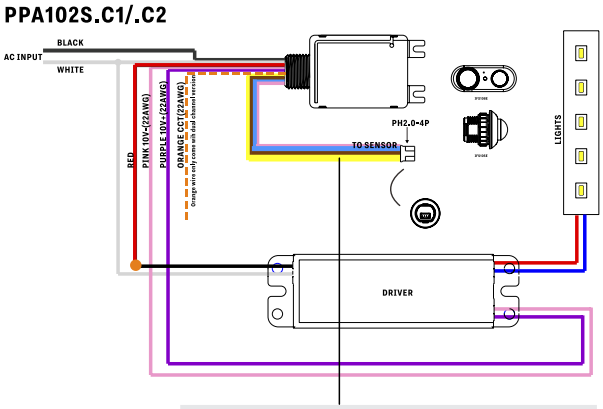
Wiring

PPA102S.B1



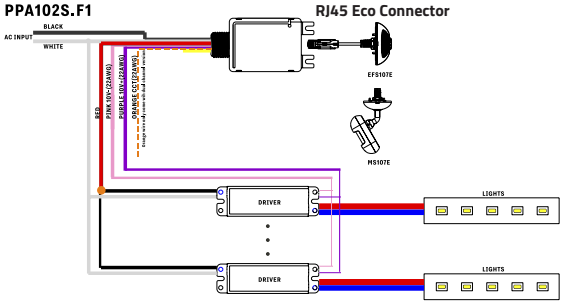
FFC (22AWG)	
Yellow	12V+
Brown	Sensitivity for MW sensor
Blue	Sensor
Pink	GND

PPA102S.C1/.C2



FFC (22AWG)	
Yellow	12V+
Brown	Sensor
Blue	Photosensor
Pink	GND

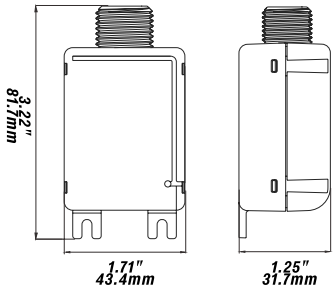
PPA102S.F1 **RJ45 Eco Connector**



Dimensions

Unit:inch/mm

PPA102S.B1/.C1/.C2



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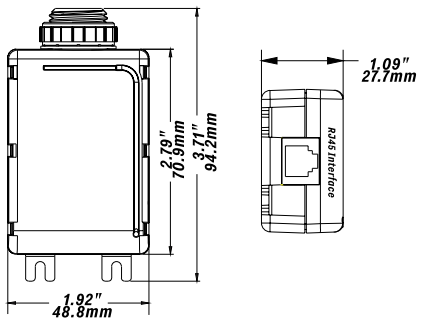
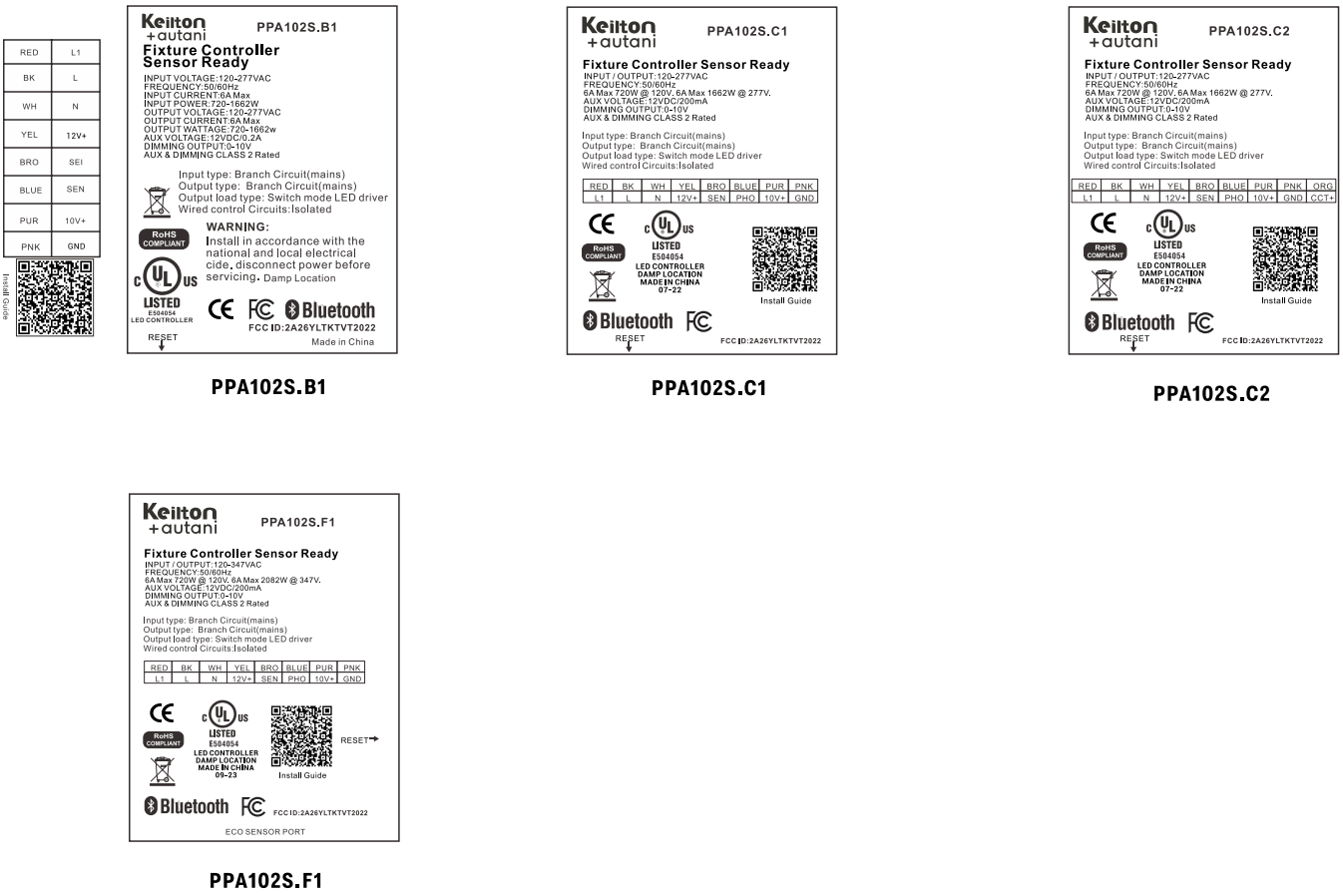


½ inch US standard knockout

Socket Mounting Dimensions		
Size	T.P.I	Major Dia.
	inch	inch
R1/2	14	0.825

Product Label



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Contact Us

7090 Columbia Gateway Drive, Suite 140, Columbia, MD 21046, USA

T: +1 443-320-2233 (M-F 9am-5pm ET)

E: support@autani.com

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