

CLASS 2 AC TRANSFORMERS

UL LISTED CLASS 2 POWER SOURCE



- ◀ Core And Coil - Split Bobbin Isolation, VDE Design
- ◀ Fusing - Circuit Protector, Manual Reset Overload Protection
- ◀ Multiple Class 2 Circuits
- ◀ Magnetic Dimmer Ready, Input/Dimmable
- ◀ Made in USA
- ◀ UL Listed
- ◀ CSA Approved

**60 THROUGH 360 WATT MODELS
12 AND 24 VOLT AC Output**

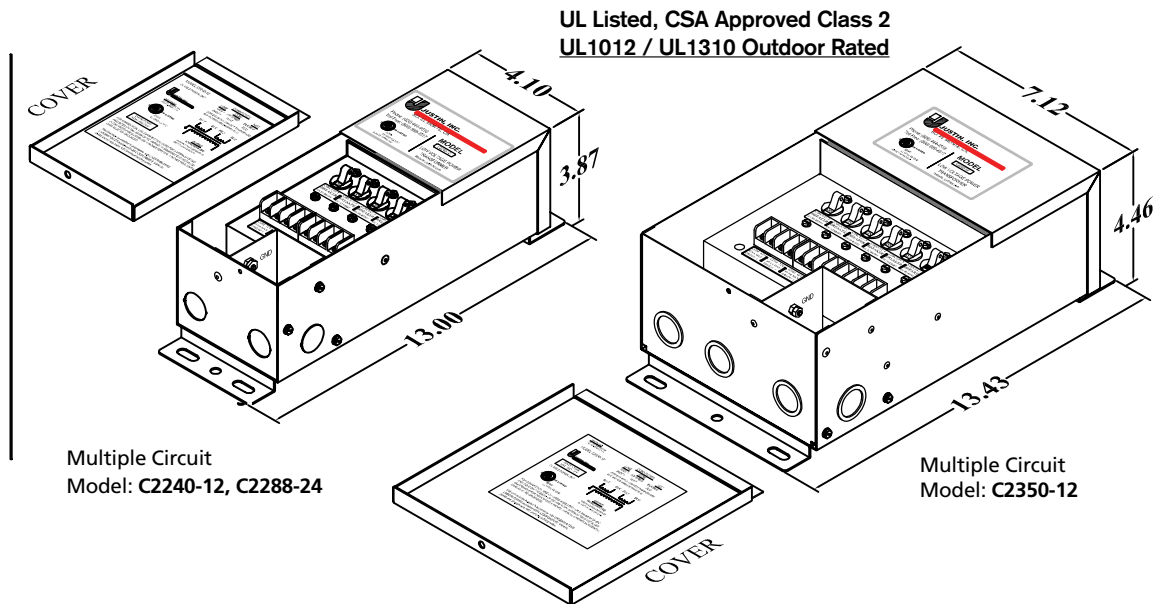
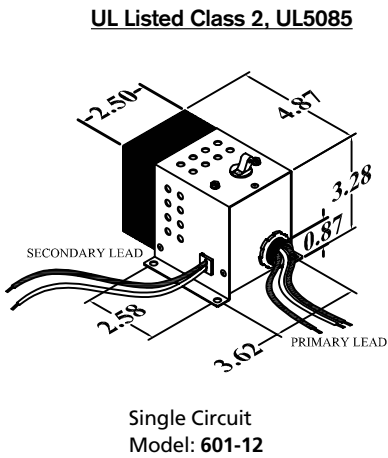
 **JUSTIN, INC.**

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CLASS 2 AC TRANSFORMERS

A Class two transformer may be connected to any resistive load at or below its maximum output rating. National Electrical Code requires any Class 2 circuit be limited to 60VA @ 12 volts or 100VA @ 24 volts, to a maximum of 360VA for multiple circuit units.

Examples of common uses include incandescent lamps, LED lamps, solenoid coil and bell ringing circuits. Made in U.S.A.



FEATURES ALL UNITS DIMMABLE

AC Single Circuit Class 2 Transformers

- Manual Reset Overload Protection
- Mounting Brackets
- 1/2" input nipple located for direct "J" box entry
- UL Listed Class 2 Transformer File E120561 (meets or exceeds the requirements set forth in Underwriters Laboratories Standard for safety UL5085)
- Available with Indoor/Outdoor Enclosure, Type 3R

AC Multiple Circuit Class 2 Power Units

- Manual Reset Overload Protection, one per Class 2 circuit
- Indoor/Outdoor enclosure, rainproof with wall mount brackets.
- Wiring Compartment with optional 6' input cord Output terminals accessed by 1/2" / 3/4" electrical knockouts.
- UL Listed Class 2 Power Unit/Sign Component File E325754 (meets or exceeds the requirements set forth in Underwriters Laboratories Standard for safety UL1012/UL1310.)

SPECIFICATIONS AND ORDERING INFORMATION - SINGLE CIRCUIT - DIMMABLE

INPUT	OUTPUT	MAX RATED LOAD
120V, 60HZ	12 OR 24V	12V - 60VA
208 - 240V, 60HZ		24V - 60, 100VA
277 - 480V, 60HZ		

Example: **60** - **1** - **24** **B**

60 = 50-60VA
10 = 100VA

1 = 120 VOLT INPUT
2 = 208/240 VOLT INPUT
4 = 277/480 VOLT INPUT

24 = OUTPUT VOLTAGE
12 or 24

A = SEPARATE INPUT AND OUTPUT NIPPLES
B = INPUT NIPPLE ONLY

Compatible with forward phase dimmers designed specifically for magnetic or inductive circuits. See PDF for detailed application information.

SPECIFICATIONS AND ORDERING INFORMATION - MULTIPLE CIRCUIT - DIMMABLE

MODEL NUMBER	INPUT			VAC	OUTPUT		WATTS
	VAC	Hz	AMPS (Max.)		VAC	AMPS (Max.)	
C2240-12	120	50/60	2.2	12VAC	5A Per Circuit	4 x 60VA Class 2 Circuits	240
C2240-12-240	240	50/60	1.1	12VAC	5A Per Circuit	4 x 60VA Class 2 Circuits	240
C2240-12-277	277	50/60	0.95	12VAC	5A Per Circuit	4 x 60VA Class 2 Circuits	240
C2288-24	120	50/60	2.6	24VAC	4A Per Circuit	3 x 96VA Class 2 Circuits	288
C2288-24-240	240	50/60	1.3	24VAC	4A Per Circuit	3 x 96VA Class 2 Circuits	288
C2288-24-277	277	50/60	1.1	24VAC	4A Per Circuit	3 x 96VA Class 2 Circuits	288
C2350-12	120	50/60	3.2	12VAC	5A Per Circuit	6 x 60VA Class 2 Circuits	360
C2350-12-240	240	50/60	1.6	12VAC	5A Per Circuit	6 x 60VA Class 2 Circuits	360
C2350-12-277	277	50/60	1.34	12VAC	5A Per Circuit	6 x 60VA Class 2 Circuits	360

All Multiple Circuit Units Feature Indoor/Outdoor Enclosure.



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JUSTIN POWER SUPPLIES AND TRANSFORMERS

INPUT DIMMING AND LIGHTING LOAD NOTES

Justin power supplies and transformers have been factory tested for use with various **120VAC dimmers specifically designed for only magnetic or inductive loads.**

PLEASE NOTE: Input dimming of Justin power supplies may drop voltage delivered to the lighting load below 10% of rated power supply output, depending on what model dimmer is used.

Justin power supplies and transformers are compatible with some **Lutron and Leviton low voltage dimmers for magnetic or inductive loads.** However, we strongly recommend testing in the specific end application to confirm system operation within the rated limitations of all components. In addition, use of programmable multiple station dimming systems for control of Justin power supplies and transformers has not been evaluated and is not recommended without thorough testing in the end application.

Justin, Inc. will not qualify any dimming product for use with our lighting equipment. It remains the sole responsibility of the re-seller and/or installer to determine compatibility, including all input and output connected devices.

NEVER CONNECT ANY DIMMER NOT DESIGNED FOR INDUCTIVE LOADS. DAMAGE TO THE DIMMER AND/OR THE POWER UNIT WILL RESULT, AND THE POWER UNIT WARRANTY WILL BE VOIDED.

Please contact Justin technical support for further information (800) 989-4517.