



60 Hz for
Lamp Wattages:
100-1800

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11

Pool and Spa Lighting

Products

- *Lamp Watts: 100 through 1000**

Applications

- *For use with submersible fixtures including swimming pools, water fountains, low voltage circuits near water or other shock hazards*
- *Note: Transformers themselves are not submersible*

Specifications

- *Single-Phase encapsulated*
- *Encapsulated with electrical grade resin*
- *Cores of high quality electrical steel*
- *NEMA 3R-rated enclosures*
- *60 Hz operation*
- *Electrostatically shielded*
- *12, 13, 14 volt taps to compensate for voltage drop on long electrical runs*
- *Heat-cured ASA-61 gray powder coat finish*

Features, Functions, Benefits

- *Resettable power circuit breakers to interrupt if a short or over-voltage occurs*
- *Quiet operation for installation flexibility*
- *Convenient wall mount design with slotted mounting holes*
- *Permanently affixed wiring diagram*

Standards

- *Built in accordance with NEMA, ANSI, UL and CSA standards*

*Options and Accessories

- *Other sizes and voltages available as custom*

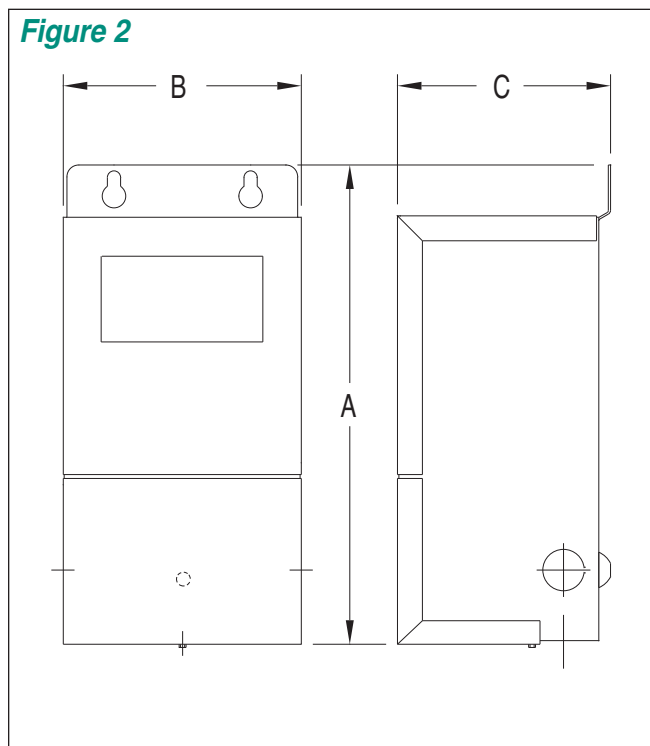
Pool and Spa Lighting

Single-Phase Encapsulated For Submersible Fixtures

Electrostatic Shield • 60 Hz • 180°C Insulation Class

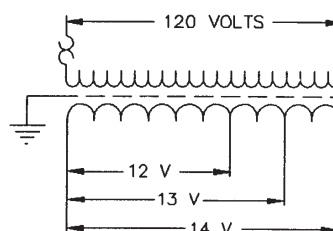
Lamps Watts	Catalog Number	Fig.	Height A (in.)	Width B (in.)	Depth C (in.)	Wiring Diagram	Est. Ship Wgt. (lbs.)
120 V- 12/13/14 V							
100	411-0938-055	2	9.06	5.06	4.59	S120A	12.50
300	411-0939-055	2	9.06	5.06	4.59		13.00
500	411-0940-055	2	9.06	5.06	4.59		14.00
1000	411-0941-055	2	9.06	5.06	4.59		18.00

Note: Housing dimensions subject to change without notice. Consult website or factory where dimensions are critical.



S120A Wiring Diagram & Connections*

Wiring Diagram



Connections

Primary Volts	Primary Lines Connect To
120	H1, H2
Sec. Volts	Secondary Lines Connect To
12	± and 12V
13	± and 13V
14	± and 14V



NOTE: Electrostatic shields are optionally available and not shown in all wiring diagrams. * Insulate unused taps individually.

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Landscape Lighting

Products

- *Lamp Watts: 300 through 1800**

Applications

- *For outdoor landscape lighting applications*
- *Modular units support optional photocell and timer*

Specifications

- *Primary voltage – 120V; Secondary voltage – 12/13/14/15V*
- *One magnetic breaker per 300W circuit*
- *Electrostatically shielded*
- *6 foot outdoor rated UL listed power cord*

Features, Functions, Benefits

- *Outdoor rated NEMA 3R enclosure with removable hinged door*
- *Removable bottom plate*
- *Black powder coat finish enclosure*
- *Stainless steel enclosure available for harsh environments*
- *Unique mounting bracket for efficient installation*
- *Ample knockouts in the bottom of the unit*
- *1.75 inch access port in bottom of unit*
- *Finger-safe, compression-style terminal blocks each with room to accommodate four 10 gauge wires*

Standards

- *Built in accordance with NEMA, ANSI, UL and CSA standards*

*Options and Accessories

Timer

- *Outdoor rated dial type (#417-0008-TM1)*
- *External timer/photocell combination (#417-0008-TM3)*

Photocell

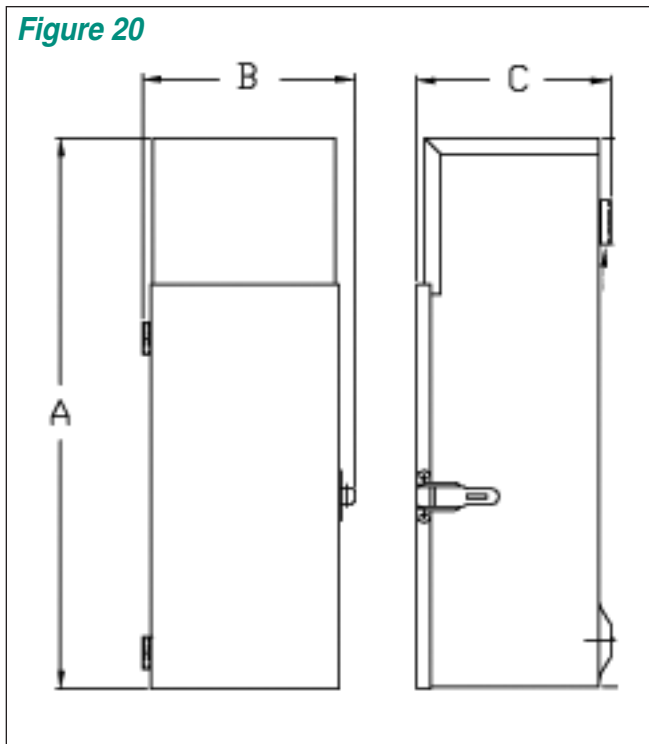
- *Button style (#417-0008-PS1)*
- *Arm style (#417-0008-PS2)*
- *Remote mount (#417-0008-PS3)*

Ratings and Dimensions

Black	Stainless Steel	Input Current Amps	Output Power Watts	Output Circuits	Dimensions in Inches			Weight Lbs
					Height	Width	Depth*	
417-1111-030	417-1111-130	3	300	1	17.6	6.8	6.19	27
417-1121-030	417-1121-130	6	600	2	17.6	6.8	6.19	29
417-1131-030	417-1131-130	9	900	3	18.6	7.8	6.19	34
417-1141-030	417-1141-130	12	1200	4	18.6	7.8	6.19	37
417-1151-030	417-1151-130	15	1500	5	19.6	9.5	7.19	52
417-1161-030	417-1161-130	18	1800	6	19.6	9.5	7.19	57

* Depth includes approximately 3/8" for the mounting bracket.

Figure 20



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Lighting Transformers

Notes:

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