Robertson® WORLDWIDE
INNOVATIVE LIGHTING SOLUTIONS

# SP48

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|---|---|---|---|---|---|
| Ballast Type: | Electromagnetic | Starting Method: | Preheat Start | Unit Color: | Raw |
| Input Voltage: | 120VAC +5%,-10% | Lamp Connection: | Series | Unit Weight: | 0.55 lbs. |
| Input Frequency: | 60Hz | | | | |

**ELECTRICAL SPECIFICATIONS:**

| Line Voltage (V) | Lamp Type | Lamp Watts | No. of Lamps | Line Current (A) | Input Power (W) | Power Factor | Max Current THD (%) | Current Crest Factor | Ballast Factor | Wiring Diagram |
|---|---|---|---|---|---|---|---|---|---|---|
| 120 | F8T5* | 8 | 1 | 0.15 | 9 | ≥ 0.50 | ≤ 10 | ≤ 1.7 | 1.00 | 001 |
| 120 | F6T5 | 6 | 1 | 0.16 | 9 | ≥ 0.45 | ≤ 10 | ≤ 1.7 | 1.00 | 001 |
| 120 | F4T5 | 4 | 1 | 0.17 | 8 | ≥ 0.40 | ≤ 10 | ≤ 1.7 | 1.00 | 001 |
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* Primary Lamp Type

**PERFORMANCE:**

- Electromagnetic Reactor Type Ballast
- Preheat Start
- Series Operation
- Normal Power Factor
- Normal Ballast Factor
- Clamped Core and Coil
- Sound Rated A
- Meets ANSI Standard C82.1 for Ballast Requirements

**APPLICATION:**

- Maximum Case Temperature: 194ºF/90ºC
- Maximum Ambient Temperature: 104ºF/40ºC
- Minimum Starting Temperature: 32ºF/0ºC
- Remote Mounting: 10 ft. Max. Lead Length, 18AWG

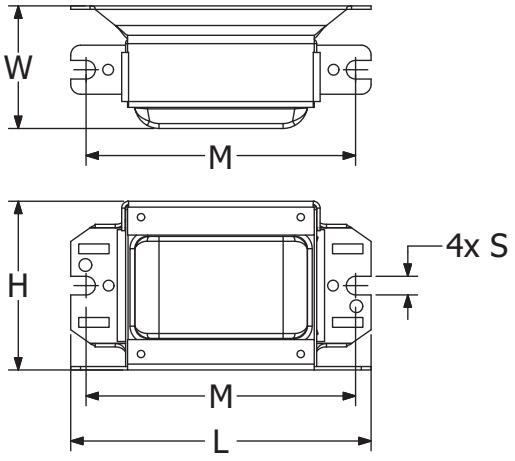
**SAFETY/STANDARDS:**

- UL/935 Listed (Class P, Type 1 Outdoor)
- CSA/C22.2 Certified
- No PCB's, Type HL
- RoHS Compliant

**SKU INFORMATION:**

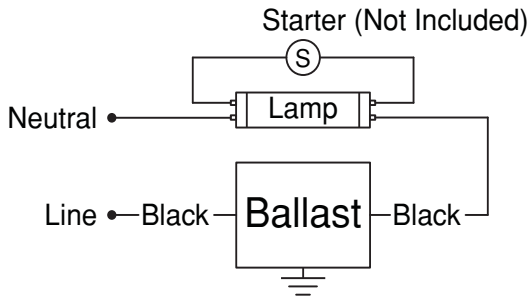
- 3P10131 (Version 1 - Leads Out One End)

**CASE STYLE: 2**




| L | W | H | M | S |
|---|---|---|---|---|
| 3 1/16 | 1 2/8 | 1 12/16 | 2 12/16 | 3/16 |
| 3.07 | 1.25 | 1.72 | 2.75 | 0.19 |
| 7.78 cm | 3.18 cm | 4.34 cm | 6.99 cm | 0.47 cm |

**WIRING DIAGRAM: 001**




Ballast lead connections are interchangeable.

- Black: (2) 7"
  Tolerance: +1.00, -0.50
- Strip: 0.375" ± 0.060

**WARRANTY:**

Robertson Worldwide warrants to the purchaser that this ballast will be free from defects in material or workmanship for a period of 2 years from date of manufacture when properly installed and under normal condition of use. For more information on Robertson Worldwide ballasts, visit www.robertsonlighting.com Specifications subject to change without notice.