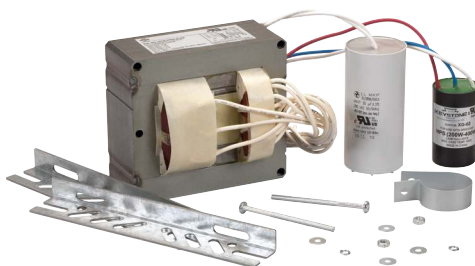


# HPS-250A-P-KIT

## 250W HIGH PRESSURE SODIUM BALLAST KIT

Version P2

**RU** <sup>®</sup> **US** **RoHS** **Compliant** **2YEAR** **WARRANTY**



**LAMP TYPE:** 250W High Pressure Sodium (S50)

**INPUT VOLTAGE:** 5-Tap (120/208/240/277/480)

**CIRCUIT TYPE:** CWA

### PRODUCT FEATURES

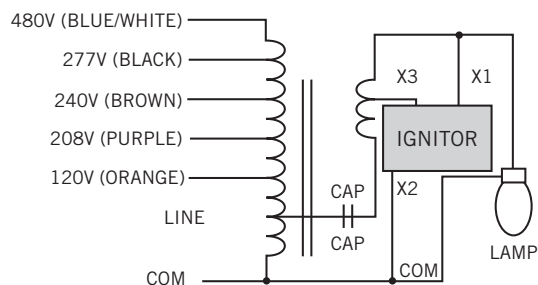
- ANSI Designation: S50
- Line Voltage: 120/208/240/277/480
- Regulation: 10%
- Frequency: 60 Hz
- Recommended Fuse (A): 7/4/4/3/2
- Circuit Type: CWA
- Insulation Class: 200°C
- Capacitor: 35  $\mu$ F
- Capacitor Voltage Rating: 240 V
- Capacitor Temperature Rating: 105°C
- Winding Materials: Cu/Al
- Lamp Starter: IGN-XG-02 /P
- Agency Certification: RU, cRU

### ELECTRICAL SPECIFICATIONS

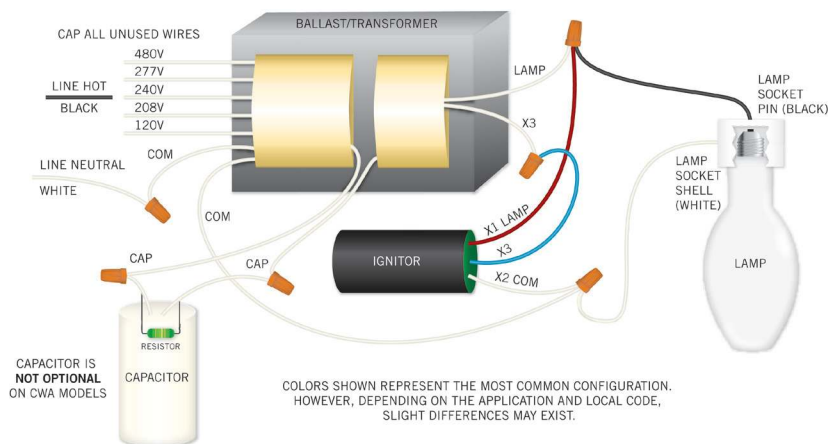
| LINE VOLTAGE | POWER FACTOR | LINE CURRENT |              |          | INPUT POWER | OPEN CIRCUIT VOLTAGE | MINIMUM START TEMP | CLASS N 200°C UL TEMP CODE |
|--------------|--------------|--------------|--------------|----------|-------------|----------------------|--------------------|----------------------------|
|              |              | OPERATING    | OPEN CIRCUIT | STARTING |             |                      |                    |                            |
| 120V         | High         | 2.60A        | 2.00A        | 1.40A    | 298V        | 185V                 | -40°F/-40°C        | A                          |
| 208V         | High         | 1.50A        | 1.20A        | 0.80A    | 298V        | 185V                 | -40°F/-40°C        | A                          |
| 240V         | High         | 1.30A        | 1.00A        | 0.70A    | 298V        | 185V                 | -40°F/-40°C        | A                          |
| 277V         | High         | 1.10A        | 0.90A        | 0.60A    | 298V        | 185V                 | -40°F/-40°C        | A                          |
| 480V         | High         | 0.60A        | 0.50A        | 0.40A    | 298V        | 185V                 | -40°F/-40°C        | A                          |

### WIRING DIAGRAM

DIAGRAM H9



Input wires may be color coded as shown above or all white and labeled accordingly.





# HPS-250A-P-KIT

## 250W HIGH PRESSURE SODIUM BALLAST KIT

Version P2

### PHYSICAL SPECIFICATIONS

#### BALLAST SPECIFICATIONS

|  |                    |          |
|--|--------------------|----------|
|  | <b>LENGTH</b>      | 4.25"    |
|  | <b>WIDTH</b>       | 1.97"    |
|  | <b>HEIGHT</b>      | 4.75"    |
|  | <b>MOUNTING 1</b>  | 3.875"   |
|  | <b>MOUNTING 2</b>  | 4.375"   |
|  | <b>B MAX.</b>      | 3.90"    |
|  | <b>NET WEIGHT</b>  | 10.7 lbs |
|  | <b>LEAD LENGTH</b> | 12-14"   |

#### CAPACITOR SPECIFICATIONS

|  |                 |          |
|--|-----------------|----------|
|  | <b>Top View</b> |          |
|  | <b>DIAMETER</b> | 1.78"    |
|  | <b>HEIGHT</b>   | 3.15"    |
|  | <b>TYPE</b>     | Dry Film |

#### IGNITOR SPECIFICATIONS

|  |                 |       |
|--|-----------------|-------|
|  | <b>Top View</b> |       |
|  | <b>DIAMETER</b> | 1.40" |
|  | <b>HEIGHT</b>   | 2.60" |
|  | <b>TYPE</b>     | CWA   |

### ORDERING INFORMATION

| ORDER CODE         | PACKAGING STYLE       | PACK QTY. | ITEM STATUS |
|--------------------|-----------------------|-----------|-------------|
| HPS-250A-P-KIT 3/1 | Individually Packaged | 1         | Quick Ship  |

Each kit includes the ballast pre-wired to a properly rated capacitor and ignitor (if required), mounting hardware, and pictorial installation guide.

**NOTE:** Version P2 (Manufacturing Revision). Prior versions of this ballast exist. Spec sheets for prior versions available upon request. Contact Our for details.

### CATALOG NUMBER BREAKDOWN

|                       |             |             |       |             |
|-----------------------|-------------|-------------|-------|-------------|
| <b>HPS-250A-P-KIT</b> |             |             |       |             |
| High Pressure Sodium  | Input Power | CWA Circuit | 5-Tap | Ballast Kit |