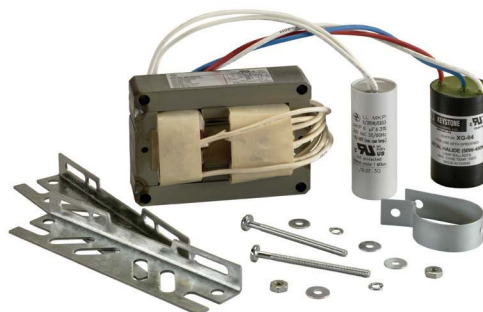


# MH-50X-Q-KIT

## 50W METAL HALIDE BALLAST KIT

Version P4

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



**LAMP TYPE:** 50W Metal Halide (M110/M148)

**INPUT VOLTAGE:** Quad Tap (120/208/240/277)

**CIRCUIT TYPE:** HX

### PRODUCT FEATURES

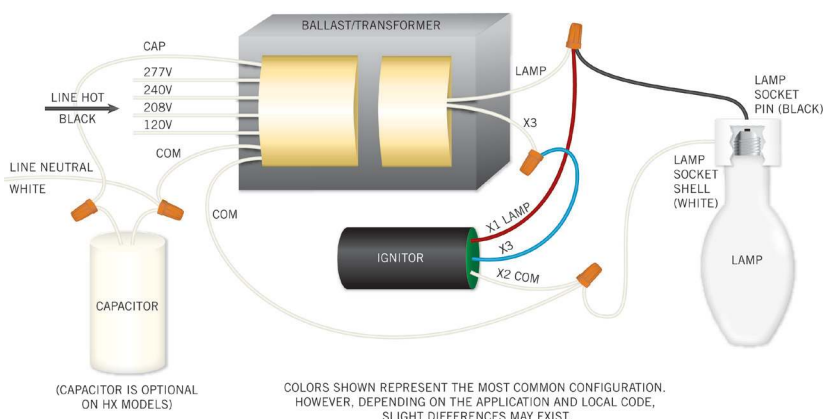
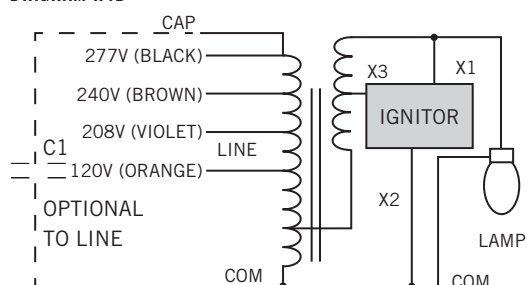
- ANSI Designation: M110/M148
- Line Voltage: 120/208/240/277
- Regulation: 5% Line Volts; 10% Lamp Watts
- Frequency: 60 Hz
- Recommended Fuse (A): 5/3/3/2
- Circuit Type: HX
- Insulation Class: 200°C
- Capacitor: 6  $\mu$ F
- Capacitor Voltage Rating: 280 V
- Capacitor Temperature Rating: 100°C
- Winding Materials: Al/Al
- Agency Certification: RU, cRU
- Ignitor: IGN-XG-04

### 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         | 0.6A         | 1.2A         | 0.6A     | 70W         | 258V                 | -20°F/-30°C        | A                          |
| 208V         | High         | 0.4A         | 0.8A         | 0.4A     | 70W         | 258V                 | -20°F/-30°C        | A                          |
| 240V         | High         | 0.3A         | 0.6A         | 0.3A     | 70W         | 258V                 | -20°F/-30°C        | A                          |
| 277V         | High         | 0.3A         | 0.5A         | 0.3A     | 70W         | 258V                 | -20°F/-30°C        | A                          |

### WIRING DIAGRAM

DIAGRAM H4B





# MH-50X-Q-KIT

## 50W METAL HALIDE BALLAST KIT

Version P4

### PHYSICAL SPECIFICATIONS

#### BALLAST SPECIFICATIONS

|  |                    |          |
|--|--------------------|----------|
|  | <b>LENGTH</b>      | 2.81"    |
|  | <b>WIDTH</b>       | 1.04"    |
|  | <b>HEIGHT</b>      | 3.94"    |
|  | <b>MOUNTING 1</b>  | 2.44"    |
|  | <b>MOUNTING 2</b>  | 3.50"    |
|  | <b>B MAX.</b>      | 2.48"    |
|  | <b>NET WEIGHT</b>  | 3.10 lbs |
|  | <b>LEAD LENGTH</b> | 12-14"   |

#### CAPACITOR SPECIFICATIONS

|                 |          |
|-----------------|----------|
|                 |          |
| <b>DIAMETER</b> | 1.38"    |
| <b>HEIGHT</b>   | 3.17"    |
| <b>TYPE</b>     | Dry Film |

#### IGNITOR SPECIFICATIONS

|                 |       |
|-----------------|-------|
|                 |       |
| <b>DIAMETER</b> | 1.40" |
| <b>HEIGHT</b>   | 2.60" |
| <b>TYPE</b>     | HX    |

### ORDERING INFORMATION

| ORDER CODE      | PACKAGING STYLE       | PACK QTY. | ITEM STATUS |
|-----------------|-----------------------|-----------|-------------|
| MH-50X-Q-KIT /A | 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 P4 (Manufacturing Revision). Prior versions of this ballast exist. Spec sheets for prior versions available upon request. Contact Our for details.

### CATALOG NUMBER BREAKDOWN

|                     |         |            |          |             |
|---------------------|---------|------------|----------|-------------|
| <b>MH-50X-Q-KIT</b> |         |            |          |             |
| Metal Halide        | Wattage | HX Circuit | Quad Tap | Ballast Kit |