

**LAMP TYPE:** 70W Metal Halide (M98 or M143)

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

**CIRCUIT TYPE:** HX

### PRODUCT FEATURES

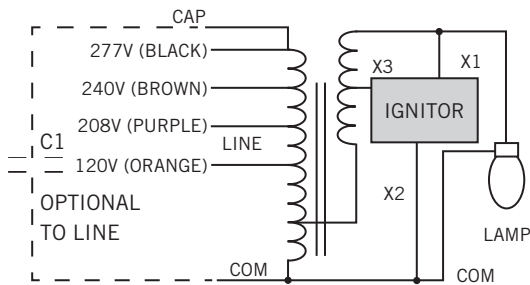
- ANSI Designation: M98 or M143
- Line Voltage: 120/208/240/277
- Regulation: Line Volts 5%, Lamp Watts 10%
- Frequency: 60 Hz
- Recommended Fuse (A): 4/3/3/2
- Circuit Type: HX
- Insulation Class: 200°C
- Capacitor: 8  $\mu$ F
- Capacitor Voltage Rating: 280 V
- Capacitor Temperature Rating: 105°C
- Winding Materials: Cu/Al
- Lamp Starter: IGN-XG-04 /P
- Agency Certification: RU, cRU

### ELECTRICAL SPECIFICATIONS

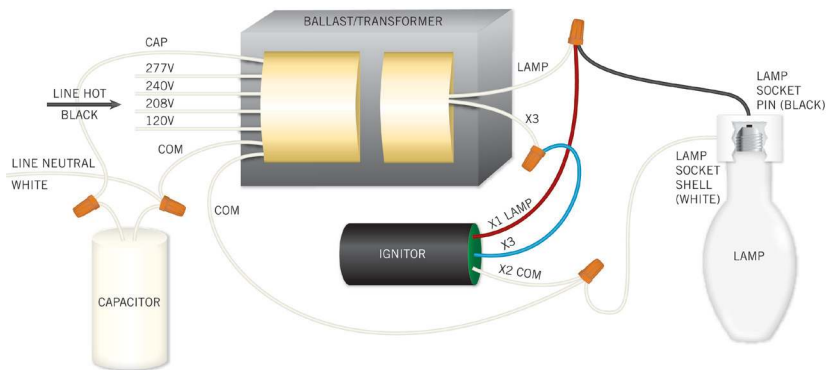
LINE VOLTAGE	POWER FACTOR	LINE CURRENT			INPUT POWER	OPEN CIRCUIT VOLTAGE	MINIMUM START TEMP	CLASS N 200°C UL TEMP CODE
		OPERATING	OPEN CIRCUIT	STARTING				
120V	High	0.80A	1.60A	0.70A	85W	252V	-20°F/-30°C	A
208V	High	0.50A	0.90A	0.40A	85W	252V	-20°F/-30°C	A
240V	High	0.40A	0.80A	0.40A	85W	252V	-20°F/-30°C	A
277V	High	0.30A	0.70A	0.30A	85W	252V	-20°F/-30°C	A

### WIRING DIAGRAM

DIAGRAM H4B



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

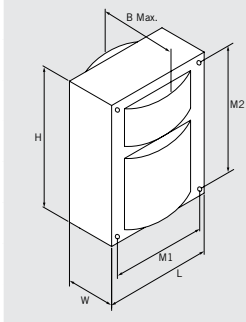


(CAPACITOR IS OPTIONAL ON HX MODELS)

COLORS SHOWN REPRESENT THE MOST COMMON CONFIGURATION. HOWEVER, DEPENDING ON THE APPLICATION AND LOCAL CODE, SLIGHT DIFFERENCES MAY EXIST.

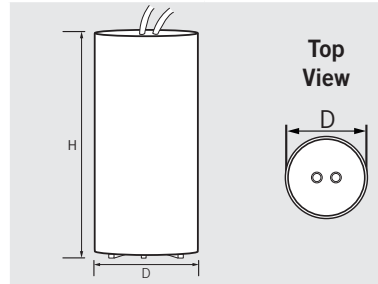
### PHYSICAL SPECIFICATIONS

#### BALLAST SPECIFICATIONS



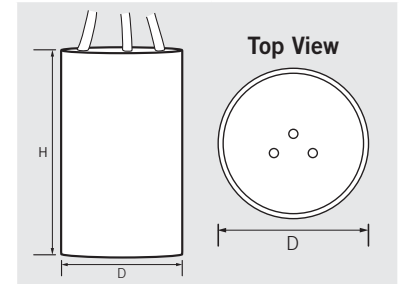
<b>LENGTH</b>	2.81"
<b>WIDTH</b>	1.46"
<b>HEIGHT</b>	3.94"
<b>MOUNTING 1</b>	2.44"
<b>MOUNTING 2</b>	3.50"
<b>B MAX.</b>	2.90"
<b>NET WEIGHT</b>	4.5 lbs
<b>LEAD LENGTH</b>	12-14"

#### 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>	CWA

### ORDERING INFORMATION

ORDER CODE	PACKAGING STYLE	PACK QTY.	ITEM STATUS
MH-70X-Q-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 P4 (Manufacturing Revision). Prior versions of this ballast exist. Spec sheets for prior versions available upon request. Contact Keystone for details.

### CATALOG NUMBER BREAKDOWN

<b>MH-70X-Q-KIT</b>				
Metal Halide	Input Power	HX Circuit	Quad Tap	Ballast Kit