

LAMP TYPE: 150W Metal Halide (M102/M142)

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

CIRCUIT TYPE: HX

PRODUCT FEATURES

- ANSI Designation: M102/M142
- Line Voltage: 120/208/240/277
- Regulation: 5% Line Volts; 10% Lamp Watts
- Frequency: 60 Hz
- Recommended Fuse (A): 10/5/5/4

- Circuit Type: HX
- Insulation Class: 200°C
- Capacitor: 16 μ F
- Capacitor Voltage Rating: 280 V
- Capacitor Temperature Rating: 100°C

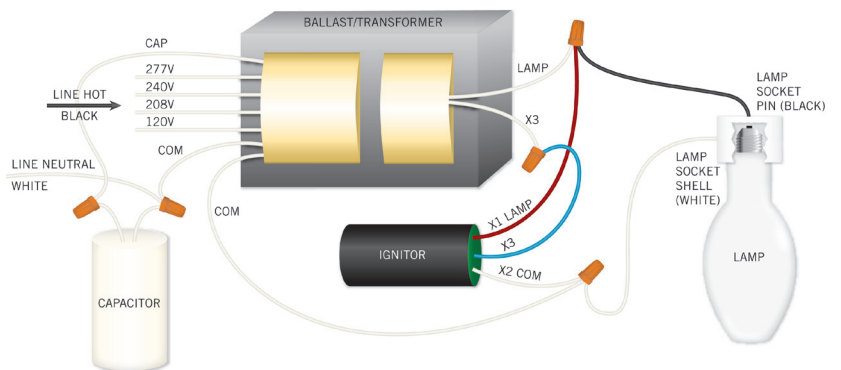
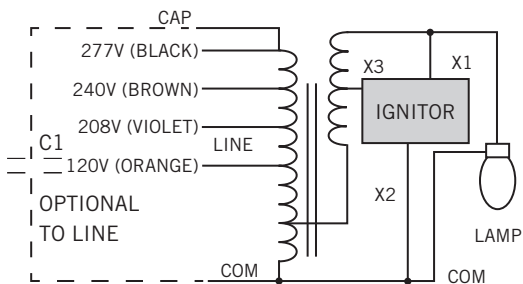
- Winding Materials: Cu/Al
- Agency Certification: RU, cRU
- Ignitor: IGN-XG-04

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	1.6A	3.4A	1.9A	182W	255V	-20°F/-30°C	A
208V	High	1.0A	2.0A	1.2A	182W	255V	-20°F/-30°C	A
240V	High	0.9A	1.7A	1.0A	182W	255V	-20°F/-30°C	A
277V	High	0.8A	1.5A	0.9A	182W	255V	-20°F/-30°C	A

WIRING DIAGRAM

DIAGRAM H4B

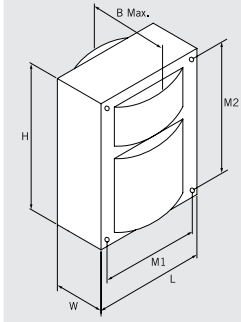


(CAPACITOR IS OPTIONAL ON HX MODELS)

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

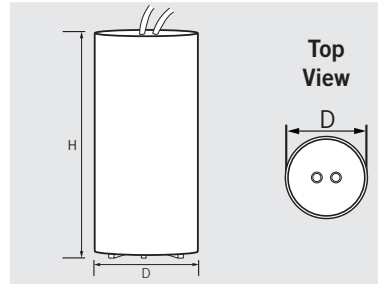
PHYSICAL SPECIFICATIONS

BALLAST SPECIFICATIONS



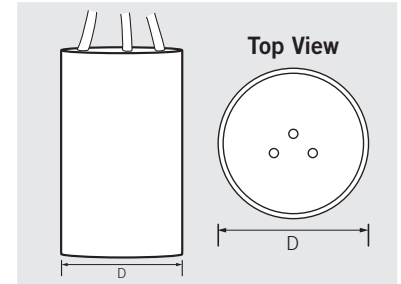
LENGTH	2.81"
WIDTH	2.28"
HEIGHT	3.94"
MOUNTING 1	2.44"
MOUNTING 2	3.50"
B MAX.	3.80"
NET WEIGHT	7 lbs
LEAD LENGTH	12-14"

CAPACITOR SPECIFICATIONS



DIAMETER	1.38"
HEIGHT	3.17"
TYPE	Dry Film

IGNITOR SPECIFICATIONS



DIAMETER	1.40"
HEIGHT	2.60"
TYPE	HX

ORDERING INFORMATION

ORDER CODE	PACKAGING STYLE	PACK QTY.	ITEM STATUS
MH-150X-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

