

BMH0100F417H

Ballast Type: Electromagnetic
 Input Voltage: 120VAC+5%
 Input Frequency: 60 Hz.

Circuit Type: HX-HPF
 Lamp Type: Pulse Start Metal Halide
 Unit Color: Aluminum

Weight: 7.0 lbs.
 Carton Quantity: 4
 Skid Quantity: 96

ELECTRICAL SPECIFICATION:

Line Voltage (V)	ANSI Lamp Type	Lamp Watts	Input Power (W)	Line Current			Nominal Open Circ. Volt.	Capacitor Value	Power Factor	Wiring Diagram
				Operating	Open Circuit	Starting				
120	M90	100	123	1.20	2.60	1.60	277	N/A	≥90	309
277			115	0.43	1.03	1.40				

PERFORMANCE:

- Electromagnetic reactor
- Postline
- Class H Insulation (180°C)

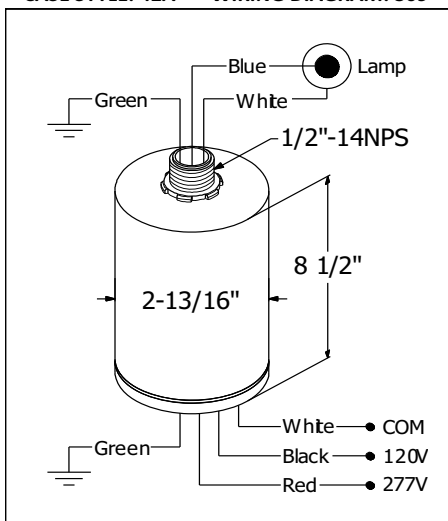
APPLICATION:

- Minimum starting temperature: -22°F/-30°C
- Remote mounting (ballast to lamp): 10 ft.
- Standard Lead Lengths: 12", 3/8" Strip

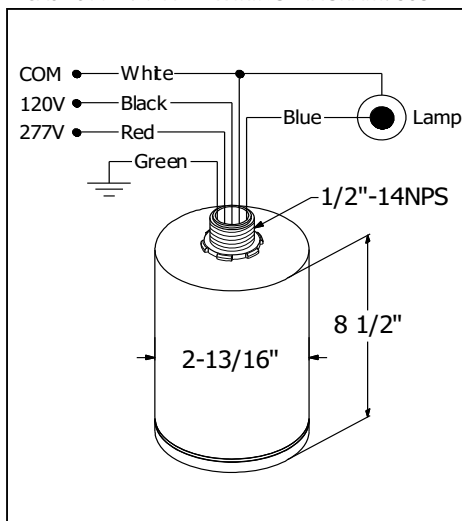
SAFETY:

- ETL Certified
- UL Coil Temperature Code: D
- RoHS Compliant

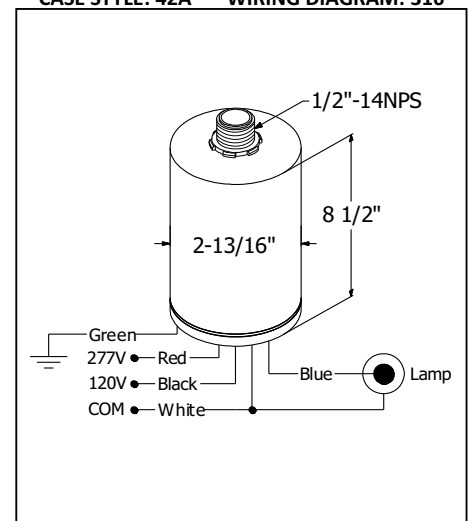
CASE STYLE: 42A WIRING DIAGRAM: 309



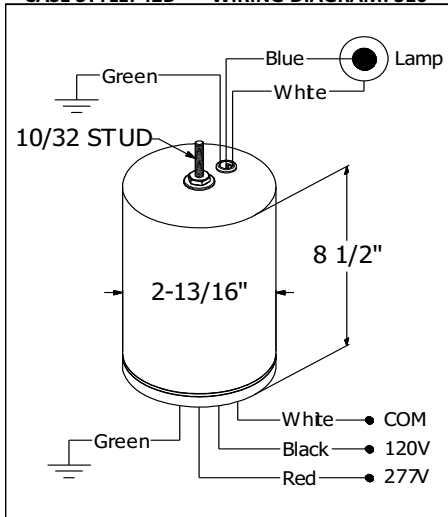
CASE STYLE: 42A WIRING DIAGRAM: 308



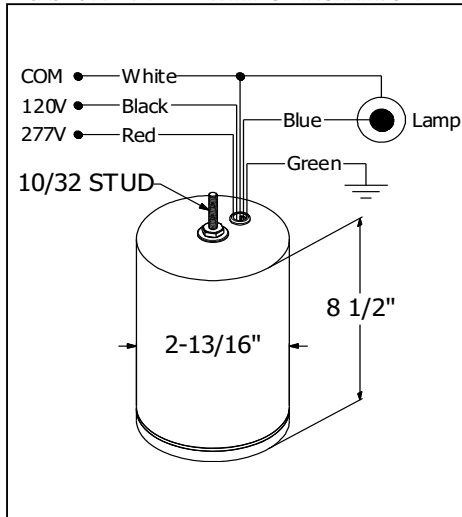
CASE STYLE: 42A WIRING DIAGRAM: 316



CASE STYLE: 42B WIRING DIAGRAM: 310



CASE STYLE: 42B WIRING DIAGRAM: 317



ORDERING CODE: ADD SUFFIX

	A	B	C
BMH100	X	X	XXX

(A) Input Voltage and Frequency

A = 120V, 60Hz
 B = 208V, 60Hz
 C = 240V, 60Hz
 D = 277V, 60Hz
 E = 480V, 60Hz
 F = 120/277V, 60Hz
 G = 208/277V, 60Hz

(B) Ballast Construction

4 = Class H Welded

(C) Post Line Category

12L = Low Power Factor, Top Only, Nipple
 14L = Low Power Factor, Top and Bottom, Stud
 16L = Low Power Factor, Top and Bottom, Nipple
 18L = Low Power Factor, Top Only, Stud
 20L = Low Power Factor, Bottom Only, Nipple
 13H = High Power Factor, Top Only, Nipple
 15H = High Power Factor, Top and Bottom, Stud
 17H = High Power Factor, Top and Bottom, Nipple
 19H = High Power Factor, Top Only, Stud
 21H = High Power Factor, Bottom Only, Nipple

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 conditions of use.