

### HP1827P • HP1827PBLs

Ballast Type: Electromagnetic  
 Input Voltage: 277VAC +5%,-10%  
 Input Frequency: 60 Hz.

Starting Method: Preheat  
 Lamp Connection: Series  
 Unit Color: Black

Unit Weight: 1.95 lb.  
 Carton Quantity: 24  
 Skid Quantity: 1440

**ELECTRICAL SPECIFICATION:**

| Line Voltage (V) | Lamp Type                    | Lamp Watts | No. of Lamps | Line Current (A) | Input Power (W) | Power Factor | Max Current THD (%) | Current Crest Factor | Ballast Factor | Wiring Diagram | B.E.F. |
|------------------|------------------------------|------------|--------------|------------------|-----------------|--------------|---------------------|----------------------|----------------|----------------|--------|
| 277              | CFTR18W/GX24d, CETP26W/GX24d | 18         | 1            | 0.07             | 22              | ≥0.90        | <30                 | ≤1.5                 | 1..00          | 102            | 4.55   |
|                  |                              |            |              |                  |                 |              |                     |                      |                |                |        |

**PERFORMANCE:**

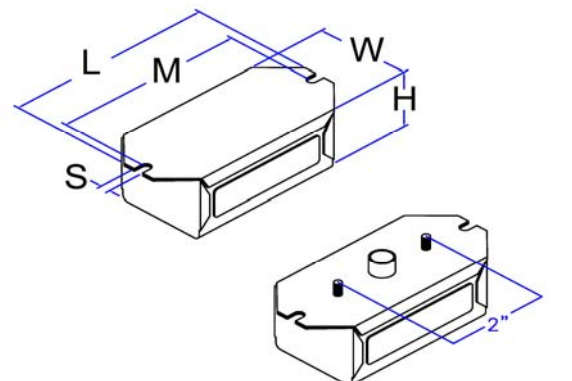
- Electromagnetic reactor type ballast
- Preheat start
- Series operation
- High power factor
- Encased & potted
- Sound rated A
- Meets ANSI C82.1

**APPLICATION:**

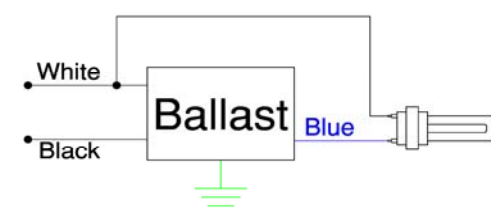
- Maximum case temperature: 194°F/90°C
- Maximum ambient temperature: 104°F/40°C
- Minimum starting temperature: 32°F/0°C
- Remote mounting: 10 ft.

**SAFETY:**

- UL listed (Class P, Type HL, Type 1 outdoor)
- Automatic reset thermal protector
- No PCB's
- RoHS Compliant

**CASE STYLE: 8**


| H      | W      | L       | M       | S      |
|--------|--------|---------|---------|--------|
| 1 5/8  | 2 3/16 | 4 3/4   | 4 3/8   | 7/32   |
| 1.63   | 2.19   | 4.75    | 4.38    | 0.22   |
| 4.14cm | 5.56cm | 12.07cm | 11.13cm | 0.56cm |

**WIRING DIAGRAM: 102**


**Standard lead lengths:**

|              |            |            |
|--------------|------------|------------|
| Side Lead:   | • Blu: 12" | • Wht: 12" |
| Bottom Lead: | • Blu: 12" | • Wht: 12" |

\* 3/8" Strip

**WARRANTY**

Robertson Worldwide warrants to the purchaser that this product 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 condition of use. Specifications subject to change without notice.

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