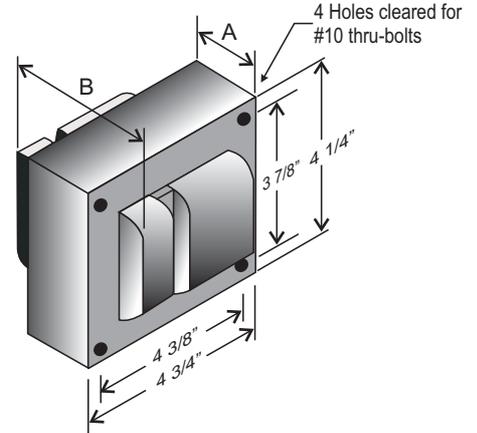


CATALOG NUMBER: E-MCA00W400 FOR ONE 400 WATT, M59 METAL HALIDE LAMP

| | |
|-----------------------------|------------------|
| Line Voltage | 120/208/240/277V |
| Regulation | |
| Line Volts | +/-10% |
| Lamp Watts | +/-10% |
| Frequency | 60 Hz |
| Circuit Type | CWA |
| Power Factor (min) | 90% |
| Insulation Class | H(180°) |
| Min. Ambient Starting Temp. | -20° F or -30° C |

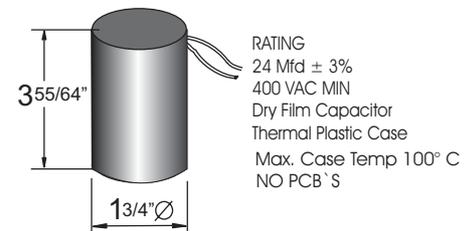
4 1/4" x 4 3/4" CORE



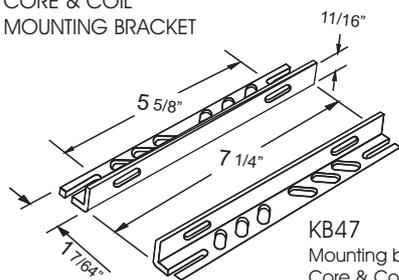
CORE AND COIL

| | |
|-----------------------|-------|
| Dimension A (inches) | 2.00 |
| Dimension B (inches) | 3.70 |
| Weight (Lbs) | 13.00 |
| Lead Lengths (inches) | 12 |

| Line Voltage (Volts) | 120 | 208 | 240 | 277 |
|--|------------|--------|--------|--------|
| Line Current (Amps) | | | | |
| Operating | 4.0 | 2.3 | 2.0 | 1.70 |
| Open Circuit | 3.60 | 2.10 | 1.80 | 1.55 |
| Starting | 2.90 | 1.65 | 1.45 | 1.25 |
| Input Watts (W) | 458 | 458 | 458 | 458 |
| Open Circuit Voltage (V) | 300 | 300 | 300 | 300 |
| Drop Out Voltage (V) | 60 | 104 | 120 | 140 |
| UL(1029) Bench Top Rise | D | E | E | E |
| Recommended Fuse (Amps) | 10 | 7 | 5 | 5 |
| HIGH POTENTIAL TEST (VOLTS) | | | | |
| 1 Minute | 2000 | | | |
| 2 Seconds | 2500 | | | |
| Open Circuit Voltage Test (volts) | 270-330 | | | |
| Short-Circuit Current Test (Amps) | | | | |
| Secondary Current | 3.4 - 4.20 | | | |
| Input Current (Amps) | 2.25 - | 1.22 - | 1.10 - | 0.95 - |
| | 3.00 | 1.75 | 1.50 | 1.30 |



BRACKET CORE & COIL MOUNTING BRACKET

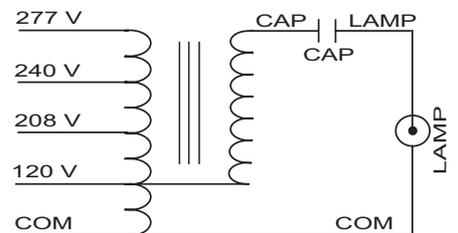


KB47
Mounting bracket for
Core & Coil Ballasts
(2 brackets with thru bolts)



C-01
MOUNTING CLIP for round
case (Furnished as standard
with B suffix ballast)

WIRING DIAGRAM



120/208/240/277 VOLT CONNECTION

ORDERING INFORMATION

*** Add proper suffix to catalog number when ordering as indicated below:

- No suffix = Core and Coil Only
- B = Core and Coil, and Bracket
- C = Core and Coil, and Capacitor
- BC = Core and Coil, Capacitor and Bracket

Data is based upon tests performed by Industrias Sola Basic in a controlled environment and representative of relative performance. Actual Performance can vary depending on operating conditions. Specifications are subject to change without notice.

ISO 9001:2000



Made in Mexico by Industrias Sola Basic S.A de C.V.