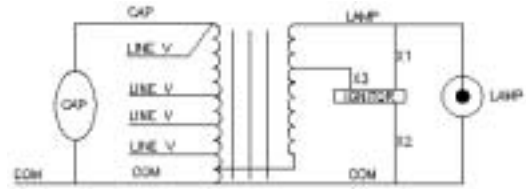


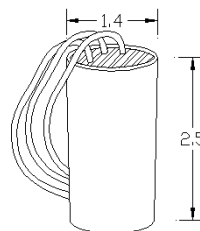


|  |                        |                 |      |      |      |
|--|------------------------|-----------------|------|------|------|
| <b>Input Volts</b>                       |                        | 120             | 208  | 240  | 277  |
| <b>Circuit Type</b>                      | HX-HPF                 |                 |      |      |      |
| <b>Power Factor</b>                      | 0.91                   |                 |      |      |      |
| <b>Regulation</b>                        |                        |                 |      |      |      |
| Line Volts                               | ± 5 %                  |                 |      |      |      |
| Lamp Watts                               | - 9 % + 8 %            |                 |      |      |      |
| <b>Line Current (Amps)</b>               |                        |                 |      |      |      |
| Operating                                |                        | 0.75            | 0.44 | 0.38 | 0.33 |
| Open Circuit                             |                        | 1.60            | 0.95 | 0.80 | 0.70 |
| Starting                                 |                        | 1.20            | 0.60 | 0.50 | 0.35 |
| Recommended Fuse                         |                        | 4               | 3    | 3    | 2    |
| <b>UL Temperature Ratings</b>            |                        |                 |      |      |      |
| Insulation Class                         | H (180°C)              |                 |      |      |      |
| Coil Temperature Code                    | A                      | A               | A    | A    | A    |
| Benchtop Coil Rise Primary               | 68                     | 58              | 56   | 56   |      |
| Benchtop Coil Rise Secondary             | 61                     | -               | -    | 56   |      |
| <b>Input Watts</b>                       |                        | 85              | 85   | 86   | 85   |
| <b>NOM Open Circuit Volts</b>            | 250                    |                 |      |      |      |
| <b>Current Crest Factor</b>              | 1.55                   |                 |      |      |      |
| <b>Input Voltage at Lamp Dropout</b>     |                        | 80              | 135  | 165  | 180  |
| <b>Min Ambient Starting Temp.</b>        | -20°F -30°C            |                 |      |      |      |
| <b>High Potential Test (Volts)</b>       |                        |                 |      |      |      |
| 1 Minute                                 | 1650                   |                 |      |      |      |
| 1 Second                                 | 2000                   |                 |      |      |      |
| <b>Open Circuit Voltage Test (Volts)</b> |                        |                 |      |      |      |
| Open Circuit Voltage                     | 230 - 280              |                 |      |      |      |
| Input Current                            | min                    | 1.25            | 0.70 | 0.60 | 0.50 |
|  | max                    | 2.00            | 1.20 | 1.00 | 0.90 |
| <b>Short Circuit Current Test (Amps)</b> |                        |                 |      |      |      |
| Secondary Current                        | 0.95 - 1.25            |                 |      |      |      |
| Input Current                            | min                    | 0.60            | 0.35 | 0.30 | 0.25 |
|  | max                    | 1.00            | 0.60 | 0.50 | 0.45 |
| <b>Core and Coil Specifications</b>      |                        |                 |      |      |      |
| Dimension A"                             | 1.44                   |                 |      |      |      |
| Dimension B"                             | 2.75                   |                 |      |      |      |
| Weight (lbs.)                            | 4.6                    |                 |      |      |      |
| Lead Lengths (in)                        | 12                     |                 |      |      |      |
| <b>Capacitor Specifications</b>          |                        |                 |      |      |      |
| Microfarads                              | 8                      |                 |      |      |      |
| Volts (min.)                             | 280                    |                 |      |      |      |
|  | <b>Oval OIL Filled</b> | <b>DRY Film</b> |      |      |      |
| Case Size (in.)                          | 1.25                   | 1.5             |      |      |      |
| Height ( in.)                            | 3.13                   | 3.23            |      |      |      |
| Temp Rating °C                           | 90                     | 100             |      |      |      |
| <b>Starter Specifications</b>            |                        |                 |      |      |      |
| Model Number                             | ST1001                 |                 |      |      |      |
| BTL                                      | 20                     |                 |      |      |      |
| Temp Rating °C                           | 105                    |                 |      |      |      |

Wiring Diagram



- Outside Dimensions Drawing 1080-046456-000
- ISO-View of Core Coil 1091-912002-001
- Oil Capacitor Can Drawing 1011-007500-001
- Dry Capacitor Can Drawing 1012-007500-001



Starter Case Drawing  
1090-912001-001

Specifications subject to change without notice.