

## FEATURES

1. Constructed with high quality silicon steel lamination to minimize core losses and increase efficiency.
2. Designs incorporate precision wound coils for improved regulation.
3. Primary fuse blocks and secondary fuse kits available and easily adaptable.
4. Series-parallel connecting links save wiring and labor costs.
5. Sturdy phenolic terminal panel protects the coil from foreign objects and mechanical damage.
6. Copper windings on all groups.
7. 130°C Insulation class, 80°C temperature rise.
8. Wire retention on both primary and secondary terminals.
9. Mounting plate adapts to various mounting dimensions.
10. Voltage regulation exceeds NEMA requirements.
11. UL Listed, CSA Certified.
12. Attractive finish, nameplate, and design features enhance the end product.

## Integrally Mounted Fuse Blocks Available: (See Chart)

**GROUP 'A' THROUGH 500 VA**  
**GROUP 'B' THROUGH 1000 VA**

| Add Suffix To Catalog No. | Configuration                                         |
|---------------------------|-------------------------------------------------------|
| – F2                      | Integrally mounted 2-pole primary block               |
| – F3                      | Integrally mounted 3-pole primary and secondary block |

Consult factory for other sizes available.

## SELECTION CHARTS

### GROUP A



#### 120 X 240 PRIMARY VOLTS — 24 SECONDARY VOLTS — 1Ø, 50/60 Hz

| CATALOG NO. ② | VA RATING | OUTPUT AMPS | APPROX. DIMENSIONS<br>Inches (Cm.) |                |                |                |                |                          | APPROX. SHIP WEIGHT<br>Lbs. (Kg.) | PRIMARY FUSE BLOCK<br>Part No. | SECONDARY FUSE KIT ①<br>Part No. | SECONDARY FUSE SIZE<br>24 VOLTS     |
|---------------|-----------|-------------|------------------------------------|----------------|----------------|----------------|----------------|--------------------------|-----------------------------------|--------------------------------|----------------------------------|-------------------------------------|
|               |           |             | A                                  | B              | C              | D              | E              | F                        |                                   |                                |                                  |                                     |
| TA-2-81141 ②  | 50        | 2.08        | 4.23<br>(10.7)                     | 3.00<br>(7.6)  | 2.59<br>(6.6)  | 2.50<br>(6.4)  | 2.13<br>(5.4)  | .22 x .50<br>(0.6 x 1.3) | 4<br>(1.8)                        | PL-112700                      | PL-112602                        | 3 <sup>2</sup> / <sub>10</sub> amps |
| TA-2-81142 ②  | 75        | 3.13        | 4.74<br>(12.0)                     | 3.00<br>(7.6)  | 2.59<br>(6.6)  | 2.50<br>(6.4)  | 2.61<br>(6.6)  | .22 x .50<br>(0.6 x 1.3) | 4<br>(1.8)                        | PL-112700                      | PL-112602                        | 5 amps                              |
| TA-2-81143 ②  | 100       | 4.17        | 4.90<br>(12.4)                     | 3.00<br>(7.6)  | 2.59<br>(6.6)  | 2.50<br>(6.4)  | 2.81<br>(7.1)  | .22 x .50<br>(0.6 x 1.3) | 4<br>(1.8)                        | PL-112700                      | PL-112602                        | 6 <sup>1</sup> / <sub>4</sub> amps  |
| TA-2-81144 ②  | 150       | 6.25        | 4.78<br>(12.1)                     | 3.75<br>(9.5)  | 3.21<br>(8.2)  | 3.13<br>(8.0)  | 2.63<br>(6.7)  | .22 x .50<br>(0.6 x 1.3) | 6<br>(2.7)                        | PL-112701                      | PL-112602                        | 10 amps                             |
| TA-2-81146 ②  | 250       | 10.42       | 5.08<br>(12.9)                     | 4.50<br>(11.4) | 3.84<br>(9.8)  | 3.75<br>(9.5)  | 3.05<br>(7.7)  | .22 x .50<br>(0.6 x 1.3) | 9<br>(4.1)                        | PL-112702                      | PL-112601                        | 15 amps                             |
| TA-2-81148 ②  | 350       | 14.58       | 6.12<br>(15.5)                     | 4.50<br>(11.4) | 3.84<br>(9.8)  | 3.75<br>(9.5)  | 4.06<br>(10.3) | .22 x .50<br>(0.6 x 1.3) | 13<br>(5.9)                       | PL-112702                      | PL-112601                        | 20 amps                             |
| TA-2-81149 ②  | 500       | 20.83       | 5.90<br>(15.0)                     | 5.25<br>(13.3) | 4.47<br>(11.4) | 4.38<br>(11.1) | 4.19<br>(10.6) | .31 x .50<br>(0.8 x 1.3) | 16<br>(7.3)                       | PL-112704                      | PL-112601                        | 30 amps                             |
| TA-2-81150    | 750       | 31.25       | 7.53<br>(19.1)                     | 5.25<br>(13.3) | 4.47<br>(11.4) | 4.38<br>(11.1) | 5.25<br>(13.3) | .31 x .50<br>(0.8 x 1.3) | 24<br>(10.9)                      | PL-112704                      | —                                | —                                   |
| TA-2-81151    | 1000      | 41.67       | 7.43<br>(18.9)                     | 6.75<br>(17.1) | 5.72<br>(14.5) | 5.75<br>(14.6) | 3.81<br>(9.7)  | .31 x .50<br>(0.8 x 1.3) | 26<br>(11.8)                      | PL-112705                      | —                                | —                                   |

### GROUP B

#### 240 X 480, 230 X 460, 220 X 440 PRIMARY VOLTS — 120/115/110 SECONDARY VOLTS — 1Ø, 50/60 Hz

| CATALOG NO. ② | VA RATING | OUTPUT AMPS | APPROX. DIMENSIONS<br>Inches (Cm.) |                |               |               |               |                          | APPROX. SHIP WEIGHT<br>Lbs. (Kg.) | PRIMARY FUSE BLOCK<br>Part No. | SECONDARY FUSE KIT ①<br>Part No. | SECONDARY FUSE SIZE<br>120 VOLTS    |
|---------------|-----------|-------------|------------------------------------|----------------|---------------|---------------|---------------|--------------------------|-----------------------------------|--------------------------------|----------------------------------|-------------------------------------|
|               |           |             | A                                  | B              | C             | D             | E             | F                        |                                   |                                |                                  |                                     |
| TA-2-81210 ②  | 50        | 0.42        | 4.23<br>(10.7)                     | 3.00<br>(7.6)  | 2.59<br>(6.6) | 2.50<br>(6.4) | 2.13<br>(5.4) | .22 x .50<br>(0.6 x 1.3) | 4<br>(1.8)                        | PL-112700                      | PL-112602                        | 6 <sup>1</sup> / <sub>10</sub> amp  |
| TA-2-81201 ②  | 75        | 0.63        | 4.74<br>(12.0)                     | 3.00<br>(7.6)  | 2.59<br>(6.6) | 2.50<br>(6.4) | 2.61<br>(6.6) | .22 x .50<br>(0.6 x 1.3) | 4<br>(1.8)                        | PL-112700                      | PL-112602                        | 1 amp                               |
| TA-2-81211 ②  | 100       | 0.83        | 4.90<br>(12.4)                     | 3.00<br>(7.6)  | 2.59<br>(6.6) | 2.50<br>(6.4) | 2.81<br>(7.1) | .22 x .50<br>(0.6 x 1.3) | 4<br>(1.8)                        | PL-112700                      | PL-112602                        | 1 <sup>1</sup> / <sub>4</sub> amps  |
| TA-2-81212 ②  | 150       | 1.25        | 5.00<br>(12.7)                     | 3.75<br>(9.5)  | 3.21<br>(8.2) | 3.13<br>(8.0) | 2.81<br>(7.1) | .22 x .50<br>(0.6 x 1.3) | 6<br>(2.7)                        | PL-112701                      | PL-112602                        | 2 amps                              |
| TA-2-81213 ②  | 250       | 2.08        | 5.57<br>(14.1)                     | 4.50<br>(11.4) | 3.84<br>(9.8) | 3.75<br>(9.5) | 3.13<br>(8.0) | .22 x .50<br>(0.6 x 1.3) | 9<br>(4.1)                        | PL-112702                      | PL-112601                        | 3 <sup>2</sup> / <sub>10</sub> amps |

① Secondary Fuse Kit PL-112603 may be substituted for PL-112600 thru PL-112602 when Primary Fuse Kit is used. See page 75.

② See chart for integrally mounted fuse block catalog number suffix.

## GROUP B

CONTINUED



### 240 X 480, 230 X 460, 220 X 440 PRIMARY VOLTS — 120/115/110 SECONDARY VOLTS — 1Ø, 50/60 Hz

| CATALOG NO. ② | VA RATING | OUTPUT AMPS | APPROX. DIMENSIONS<br>Inches (Cm.) |                 |                |                |                |                          | APPROX. SHIP WEIGHT<br>Lbs. (Kg.) | PRIMARY FUSE BLOCK<br>Part No. | SECONDARY FUSE KIT ①<br>Part No. | SECONDARY FUSE SIZE<br>120 VOLTS |
|---------------|-----------|-------------|------------------------------------|-----------------|----------------|----------------|----------------|--------------------------|-----------------------------------|--------------------------------|----------------------------------|----------------------------------|
|               |           |             | A                                  | B               | C              | D              | E              | F                        |                                   |                                |                                  |                                  |
| TA-2-81200 ②  | 300       | 2.50        | 5.57<br>(14.1)                     | 4.50<br>(11.4)  | 3.84<br>(9.8)  | 3.75<br>(9.5)  | 3.13<br>(8.0)  | .22 x .50<br>(0.6 x 1.3) | 10<br>(4.5)                       | PL-112702                      | PL-112601                        | 4 amps                           |
| TA-2-81214 ②  | 350       | 2.92        | 6.32<br>(16.1)                     | 4.50<br>(11.4)  | 3.84<br>(9.8)  | 3.75<br>(9.5)  | 3.83<br>(9.7)  | .22 x .50<br>(0.6 x 1.3) | 12<br>(5.4)                       | PL-112702                      | PL-112601                        | 4½ amps                          |
| TA-2-81215 ②  | 500       | 4.17        | 6.30<br>(16.0)                     | 4.88<br>(12.4)  | 4.15<br>(10.5) | 4.06<br>(10.3) | 3.81<br>(9.7)  | .22 x .50<br>(0.6 x 1.3) | 15<br>(6.8)                       | PL-112703                      | PL-112601                        | 6¼ amps                          |
| TA-2-81216 ②  | 750       | 6.25        | 6.65<br>(16.9)                     | 5.25<br>(13.3)  | 4.47<br>(11.4) | 4.38<br>(11.1) | 5.13<br>(13.0) | .31 x .50<br>(0.8 x 1.3) | 23<br>(10.4)                      | PL-112704                      | PL-112601                        | 10 amps                          |
| TA-2-81217 ②  | 1000      | 8.33        | 7.58<br>(19.3)                     | 6.75<br>(17.1)  | 5.72<br>(14.5) | 5.75<br>(14.6) | 3.69<br>(9.4)  | .31 x .50<br>(0.8 x 1.3) | 25<br>(11.3)                      | PL-112705                      | PL-112601                        | 12 amps                          |
| TA-2-81218    | 1500      | 12.50       | 8.80<br>(22.4)                     | 6.75<br>(17.1)  | 5.72<br>(14.5) | 5.75<br>(14.6) | 5.75<br>(14.6) | .31 x .50<br>(0.8 x 1.3) | 43<br>(19.5)                      | PL-112705                      | PL-112601                        | 15 amps                          |
| TA-2-81219    | 2000      | 16.67       | 9.25<br>(23.5)                     | 6.75<br>(17.1)  | 5.72<br>(14.5) | 5.75<br>(14.6) | 6.38<br>(16.2) | .31 x .50<br>(0.8 x 1.3) | 49<br>(22.2)                      | PL-112705                      | PL-112601                        | 20 amps                          |
| TA-2-81220    | 3000      | 25.00       | 8.81<br>(22.4)                     | 7.50<br>(19.1)  | 8.34<br>(21.2) | 6.50<br>(16.5) | 7.52<br>(19.1) | .41 x .81<br>(1.0 x 2.1) | 70<br>(31.8)                      | PL-112706                      | —                                | —                                |
| TA-2-81221    | 5000      | 41.67       | 7.52<br>(19.1)                     | 11.92<br>(30.3) | 9.49<br>(24.1) | 6.75<br>(17.1) | 6.25<br>(15.9) | .41 x .81<br>(1.0 x 2.1) | 125<br>(56.7)                     | PL-112707                      | —                                | —                                |

## GROUP C

### 240/480/600, 230/460/575, 220/440/550 PRIMARY VOLTS — 120/100, 115/95, 110/90 SECONDARY VOLTS — 1Ø, 50/60 Hz

| CATALOG NO. | VA RATING | OUTPUT AMPS | APPROX. DIMENSIONS<br>Inches (Cm.) |                 |                |                |                |                          | APPROX. SHIP WEIGHT<br>Lbs. (Kg.) | PRIMARY FUSE BLOCK<br>Part No. | SECONDARY FUSE KIT ①<br>Part No. | SECONDARY FUSE SIZE<br>120 VOLTS |
|-------------|-----------|-------------|------------------------------------|-----------------|----------------|----------------|----------------|--------------------------|-----------------------------------|--------------------------------|----------------------------------|----------------------------------|
|             |           |             | A                                  | B               | C              | D              | E              | F                        |                                   |                                |                                  |                                  |
| TA-2-81000  | 50        | 0.42        | 4.56<br>(11.6)                     | 3.00<br>(7.6)   | 2.59<br>(6.6)  | 2.50<br>(6.4)  | 2.61<br>(6.6)  | .22 x .50<br>(0.6 x 1.3) | 4<br>(1.8)                        | PL-112700                      | PL-112600                        | ⅝ amp                            |
| TA-2-81009  | 75        | 0.63        | 4.90<br>(12.4)                     | 3.00<br>(7.6)   | 2.59<br>(6.6)  | 2.50<br>(6.4)  | 2.81<br>(7.1)  | .22 x .50<br>(0.6 x 1.3) | 4<br>(1.8)                        | PL-112700                      | PL-112600                        | 1 amp                            |
| TA-2-81001  | 100       | 0.83        | 5.36<br>(13.6)                     | 3.00<br>(7.6)   | 2.59<br>(6.6)  | 2.50<br>(6.4)  | 3.26<br>(8.3)  | .22 x .50<br>(0.6 x 1.3) | 5<br>(2.3)                        | PL-112700                      | PL-112600                        | 1¼ amps                          |
| TA-2-81002  | 150       | 1.25        | 5.00<br>(12.7)                     | 3.75<br>(9.5)   | 3.21<br>(8.2)  | 3.13<br>(8.0)  | 3.06<br>(7.8)  | .22 x .50<br>(0.6 x 1.3) | 7<br>(3.2)                        | PL-112701                      | PL-112600                        | 2 amps                           |
| TA-2-81003  | 250       | 2.08        | 5.57<br>(14.1)                     | 4.50<br>(11.4)  | 3.84<br>(9.8)  | 3.75<br>(9.5)  | 3.05<br>(7.7)  | .22 x .50<br>(0.6 x 1.3) | 11<br>(5.0)                       | PL-112702                      | PL-112601                        | 3⅔ amps                          |
| TA-2-81020  | 300       | 2.50        | 6.48<br>(16.5)                     | 4.88<br>(12.4)  | 4.15<br>(10.5) | 4.06<br>(10.3) | 4.06<br>(10.3) | .22 x .50<br>(0.6 x 1.3) | 15<br>(6.8)                       | PL-112703                      | PL-112601                        | 4 amps                           |
| TA-2-81004  | 350       | 2.92        | 6.48<br>(16.5)                     | 4.88<br>(12.4)  | 4.15<br>(10.5) | 4.06<br>(10.3) | 4.06<br>(10.3) | .22 x .50<br>(0.6 x 1.3) | 15<br>(6.8)                       | PL-112703                      | PL-112601                        | 4½ amps                          |
| TA-2-81005  | 500       | 4.17        | 6.43<br>(16.3)                     | 5.25<br>(13.3)  | 4.47<br>(11.4) | 4.38<br>(11.1) | 4.56<br>(11.6) | .31 x .50<br>(0.8 x 1.3) | 21<br>(9.5)                       | PL-112704                      | PL-112601                        | 6¼ amps                          |
| TA-2-81006  | 750       | 6.25        | 7.19<br>(18.3)                     | 6.75<br>(17.1)  | 5.72<br>(14.5) | 5.75<br>(14.6) | 3.81<br>(9.7)  | .31 x .50<br>(0.8 x 1.3) | 25<br>(11.3)                      | PL-112705                      | PL-112601                        | 10 amps                          |
| TA-2-81007  | 1000      | 8.33        | 7.96<br>(20.2)                     | 6.75<br>(17.1)  | 5.72<br>(14.5) | 5.75<br>(14.6) | 4.63<br>(11.8) | .31 x .50<br>(0.8 x 1.3) | 32<br>(14.5)                      | PL-112705                      | PL-112601                        | 12 amps                          |
| TA-2-81008  | 1500      | 12.50       | 9.46<br>(24.0)                     | 6.75<br>(17.1)  | 5.72<br>(14.5) | 5.75<br>(14.6) | 6.38<br>(16.2) | .31 x .50<br>(0.8 x 1.3) | 47<br>(21.3)                      | PL-112705                      | PL-112601                        | 15 amps                          |
| TA-2-53929  | 2000      | 16.67       | 7.90<br>(20.1)                     | 7.50<br>(19.1)  | 7.66<br>(19.5) | 6.50<br>(16.5) | 6.57<br>(16.7) | .41 x .81<br>(1.0 x 2.1) | 55<br>(24.9)                      | PL-112706                      | PL-112601                        | 20 amps                          |
| TA-2-53930  | 3000      | 25.00       | 7.02<br>(17.8)                     | 11.92<br>(30.3) | 8.83<br>(22.4) | 6.75<br>(17.1) | 5.75<br>(14.6) | .41 x .81<br>(1.0 x 2.1) | 75<br>(34.0)                      | PL-112707                      | —                                | —                                |
| TA-2-53931  | 5000      | 41.67       | 7.52<br>(19.1)                     | 11.92<br>(30.3) | 9.49<br>(24.1) | 6.75<br>(17.1) | 6.25<br>(15.9) | .41 x .81<br>(1.0 x 2.1) | 110<br>(49.9)                     | PL-112707                      | —                                | —                                |

① Secondary Fuse Kit PL-112603 may be substituted for PL-112600 thru PL-112602 when Primary Fuse Kit is used. See page 75.

② See chart for integrally mounted fuse block catalog number suffix.