

## WIRING INFORMATION

| AMP RATING | NUMBER OF CONDUCTORS | CONDUCTOR SIZE (AWG) | CABLE JACKET STRIP LENGTH (IN.) | CONDUCTOR INSULATION STRIP LENGTH (IN.) | TERMINAL SCREW TORQUE RATING |     | TERMINAL TYPE          |
|------------|----------------------|----------------------|---------------------------------|---|------------------------------|-----|------------------------|
|            |                      |                      |                                 |   | Lb.-in.                      | Nm  |                        |
| 30         | 3 & 4                | #12 & #10            | 2 3/8"                          | 3/8" GROUNDING<br>3/4" LINE             | 15                           | 1.7 | PRESSURE LUG<br>SOLDER |
| 60         | 3 & 4                | #6 & #4              | 3 5/8"                          | 1/2" GROUNDING<br>3/4" LINE             | 35                           | 4   | PRESSURE LUG<br>SOLDER |
| 100        | 3 & 4                | #0, #1 & #2          | 4"                              | 11/16" GROUNDING<br>3/4" LINE           | 50                           | 5.6 | PRESSURE LUG<br>SOLDER |

## CABLE DIAMETER ESTIMATES

| AMP RATING | NUMBER OF CONDUCTORS | CONDUCTOR SIZE (AWG) |                 |                 |                 |                 |                    |                    |
|------------|----------------------|----------------------|-----------------|-----------------|-----------------|-----------------|--------------------|--------------------|
|            |                      | 12                   | 10              | 6               | 4               | 2               | 1                  | 0                  |
| 30         | 3                    | .595"<br>(SOOW)      | .66"<br>(SOOW)  |                 |                 |                 |                    |                    |
|            | 4                    | .650"<br>(SOOW)      | .715"<br>(SOOW) |                 |                 |                 |                    |                    |
| 60         | 3                    |                      |                 | .98"<br>(SOOW)  | 1.14"<br>(SOOW) |                 |                    |                    |
|            | 4                    |                      |                 | 1.08"<br>(SOOW) | 1.26"<br>(SOOW) |                 |                    |                    |
| 100        | 3                    |                      |                 |                 |                 | 1.33"<br>(SOOW) | 1.475"<br>(TYPE W) | 1.605"<br>(TYPE W) |
|            | 4                    |                      |                 |                 |                 | 1.46"<br>(SOOW) | 1.625"<br>(TYPE W) | 1.765"<br>(TYPE W) |



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