



| PIN | FUNCTION | MOTOR PLUG | WIRE HARN | WIRE COLOR |
|-----|----------|------------|-----------|------------|
| 1   | L1       | BLK        | BLK       |            |
| 2   |          |            |           |            |
| 3   | COMMON   | BLK        | WHT       |            |
| 4   | PWM      | WHT        | BLK       |            |
| 5   | FWD/REV  | ORG        | ORG       |            |
| 6   |          |            |           |            |
| 7   | L2       | RED        | RED       |            |
| 8   |          |            |           |            |
| 9   | GND      | YEL/GRN    | GRN       |            |
| 10  | SPD FDBK | RED        | RED       |            |
| 11  | FWD/REV  | GRY        | GRY       |            |
| 12  | L3       | BLU        | BLU       |            |

DETAIL "A"  
MOTOR CONNECTOR

**LEGEND**

|  |                       |
|--|-----------------------|
|  | QUICK CONNECT, FEMALE |
|  | QUICK CONNECT, MALE   |
|  | LEVER NUT             |
|  | CONTROL VOLTS WIRE    |
|  | LINE VOLTS WIRE       |
|  | WIRE HARNESS          |

**FIELD NOTES:**

1. FIELD WIRING MUST BE COPPER CONDUCTOR, RATED AT 75°C MINIMUM.
2. PER NFPA70, TRANSFORMER IS FACTORY GROUNDED.
3. FOR MOTOR TURN REVERSAL, CONNECT GRAY AND ORANGE WIRES VIA SUPPLIED QUICK CONNECTS.

**STANDARD APPLIED TOLERANCES**

|              |               |        |
|--------------|---------------|--------|
| WELDING:     | LENGTH        | ±0.063 |
|              | ANGULAR       | ±3°    |
|              | SQUARE        | ±0.063 |
| Cu TUBING:   | CUT LENGTH    | ±0.063 |
|              | FORMED LENGTH | ±0.125 |
|              | FORMED ANGLE  | ±5°    |
| SHEET METAL: | HOLE DIA      | ±0.005 |
|              | CUT SIZE      | ±0.031 |
|              | CUT ANGLE     | ±1°    |
|              | CUT SQUARE    | ±0.016 |
|              | FORMED DIM    | ±0.031 |
|              | FORMED ANGLE  | ±3°    |
|              | FORMED SQUARE | ±0.031 |

THIS DRAWING MAY NOT REFLECT THE MOST CURRENT REVISION. PLEASE CHECK TO MAKE SURE DRAWING IS CURRENT.

THIS DRAWING CONTAINS PROPRIETARY DATA. UNAUTHORIZED DISCLOSURE REPRODUCTION, OR USE IS STRICTLY PROHIBITED WITHOUT WRITTEN PERMISSION.

WD, DDBC, EH  
3PH, SOLO, 1M

|                        |          |          |            |                               |   |          |             |       |             |     |
|------------------------|----------|----------|------------|-------------------------------|---|----------|-------------|-------|-------------|-----|
| REVISION DESCRIPTION   |          | ZONE     |            | TITLE                         |   | MATERIAL |             |       |             |     |
| SUBMITTAL RELEASE B    |          |          |            | WD, DDBC, EH<br>3PH, SOLO, 1M |   |          |             |       |             |     |
| ECR/SQ/TRANSMITTAL NO. | DRAWN BY | DATE     | CHECKED BY | DATE                          | DO NOT SCALE DRAWING<br>DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED | SCALE    | PART NO.    | SHEET | DRAWING NO. | REV |
| ECR 3255               | SJR      | 07/22/18 | MSS        | 07/24/18                      |   | NTS      | 88-50000-23 | 23    | 88-50000    | 0B  |

UNCONTROLLED DOCUMENT WHEN PRINTED