



- NOTES:
- UL CLASS 'CC' CARTRIDGE FUSE TIME DELAY, 600V AC, 200K I.R., 3 AMP.
  - USE SPRING CAGE CONNECTORS (PN 81368915) FOR WIRE JUNCTIONS.
  - IF SINGLE PHASE ELECTRICAL INPUT IS USED, L3 IF NOT USED
  - FOR 120V-1PH ONLY:
    - REMOVE FORKED CONNECTOR FROM BK WIRE LABELED L1-P1/115V XFMR X1 AND COMBINE INTO CONNECTOR AS SHOWN.
    - CLIP AND REMOVE WE WIRE LABELED L2-P1/115V XFMR X3 FROM FORKED CONNECTOR AND COMBINE INTO CONNECTOR AS SHOWN.
    - SECURE RING TERMINAL END OF GN WIRE LABELED 115V XFMR GND/X3 TO THE CONTROL PANEL ASSEMBLY, SECURE FORKED END TO VSD GND.
  - FOR CONTROL CIRCUIT WIRING, USE THE FOLLOWING DWGS:  
 LADDER:  
 34-1316-C STANDARD  
 34-1322-C STANDARD WITH ALARM BUZZER  
 34-1323-C P.O.C OPTION  
 34-1324-C P.O.C OPTION WITH ALARM BUZZER  
 } EVS-500/3000
  - ALL WIRING SHALL BE LABELED WITH THE TERMINATING CONNECTOR TERMINAL MARKING.
  - FOR 3 PHASE INPUT, THE LEAD WIRES MUST BE REVERSED IN THE MOTOR AS SHOWN BELOW TO GET PROPER MOTOR ROTATION.  
 -> U(1) TO T2  
 -> V(2) TO T1  
 -> W(3) TO T3

120V - 1 PH - 60HZ  
SUPPLY POWER OPTION

**WIRING LEGEND**  
 - - - - - FACTORY WIRING, 12 AWG, 600V, 105°C  
 \_\_\_\_\_ FACTORY WIRING, 18 AWG, 600V, 105°C

REV: 21	EN: 34-1838	DATE: 01/10/23	DWN:	AL	ENG:	SPS	APPD:	APPD:
DESCRIPTION: CHANGED 120V GROUND WIRE CONNECTION. CHANGED WORDING OF NOTE 4C.								
REFERENCE ASME Y14.5M-1994 FOR GEOMETRIC TOLERANCES. ALL DIMENSIONS IN INCHES. DRAWING NOT TO BE SCALED. NON-BASIC DIMENSIONAL AND ANGULAR TOLERANCES UNLESS OTHERWISE NOTED: DECIMALS: X.X - ±0.1, X.XX - ±0.03, X.XXX - ±0.005. FRACTIONAL: ±1/32. ANGULAR: ±1°								
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FIRST USE EVS-500/3000					MATERIAL			
PROPERTY OF <b>Thermal Solutions Products LLC</b> LANCASTER, PA 17604-3244					TITLE SCHEMATIC WIRING SUPPLY POWER			
DRAWING NUMBER 34-1136-D		SCALE NONE		DWG SIZE D		SHEET 1 OF 1		