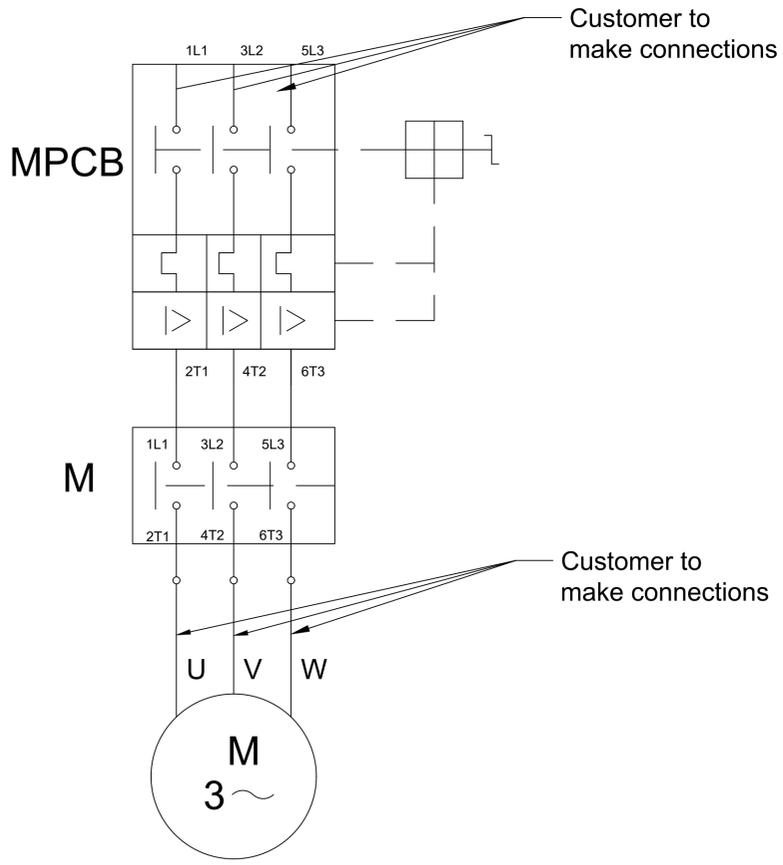


CIRCUIT DIAGRAM AND INSTRUCTIONS

POWER CIRCUIT



CONTROL CIRCUIT

- THE STARTER IS WIRED FOR 480VAC THREE PHASE AS DEFAULT.
- TO CONFIGURE THE STARTER FOR ANOTHER OPERATING VOLTAGE, THE INPUT TO THE CONTROL TRANSFORMER MUST BE CHANGED.
- TO CHANGE THE INPUT TO THE CONTROL TRANSFORMER, MOVE THE WIRE INSTALLED IN THE TERMINAL STRIP TO THE DESIRED VOLTAGE. (SEE BELOW)
- AVAILABLE OPERATING VOLTAGES ARE: 120VAC AND 240VAC SINGLE PHASE (SEE FIGURE 1 FOR SINGLE PHASE) AND 208VAC, 240VAC, AND 480VAC THREE PHASE.

PRIMARY WIRING TERMINAL BLOCK SECTION

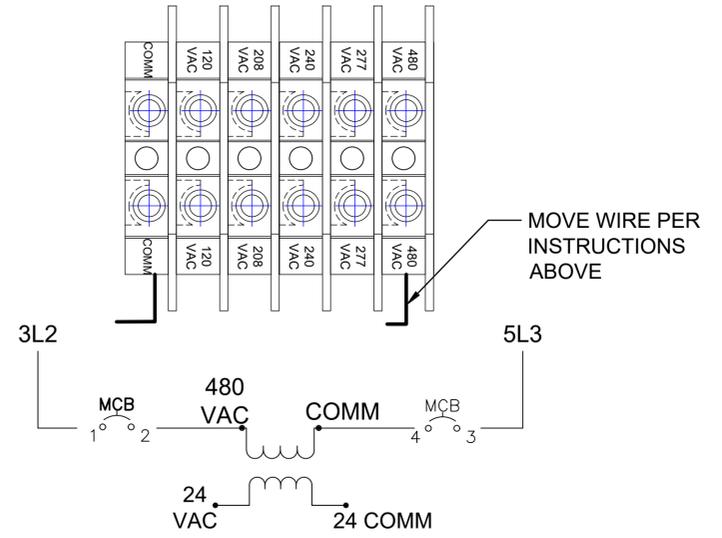
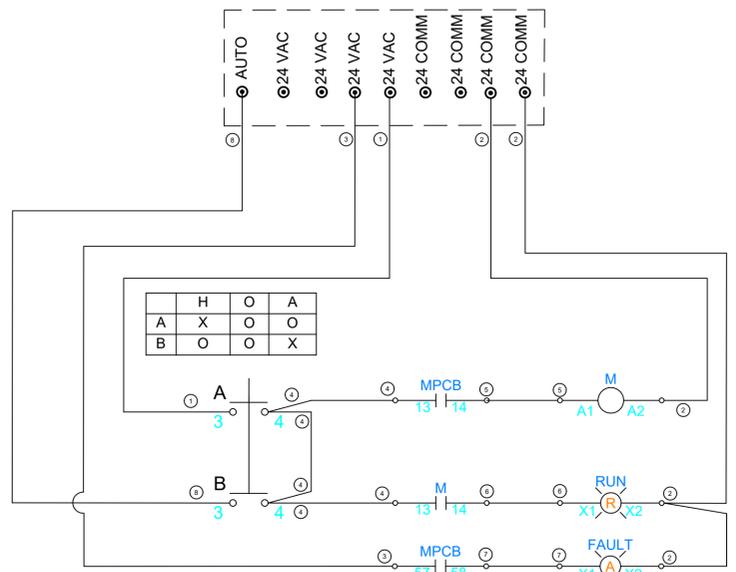
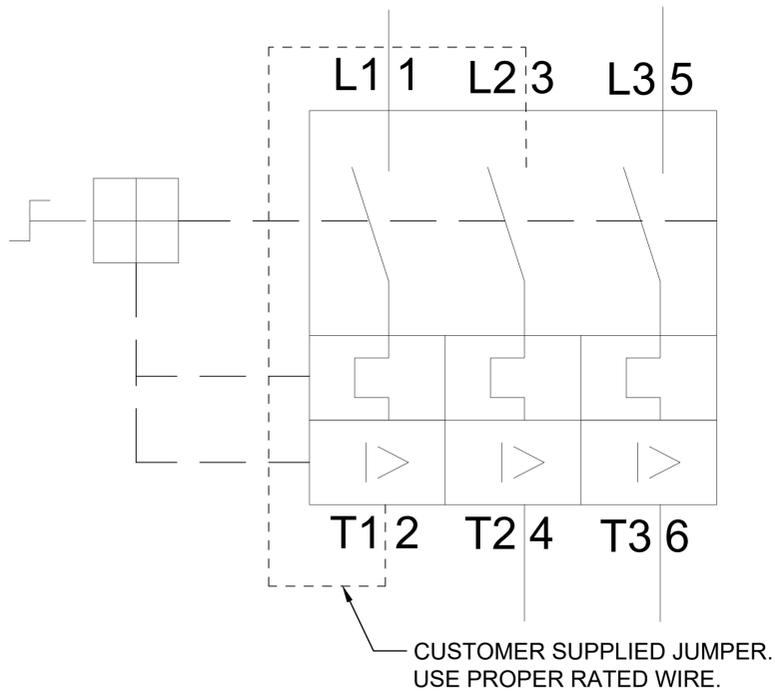
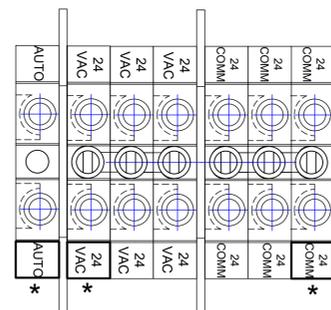


FIGURE 1 - SINGLE PHASE WIRING



24VAC / AUTO TERMINAL BLOCK SECTION



*OUTLINED TERMINAL POINTS ARE AVAILABLE FOR CUSTOMER CONNECTION

CONTROL CIRCUIT INSTRUCTIONS:

- TO WIRE A DESIRED INPUT FOR USE AS THE "AUTO" INPUT, USE THE TERMINAL BLOCKS LABELED "AUTO" AND "24VAC" OR "24COMM" LOCATED AT THE BOTTOM OF THE PANEL.
- UP TO FOUR (4) CONTACTOR AUXILIARY CONTACTS CAN BE ADDED IF NEEDED:
 - C3CONTROLS PART # 300-SFA10 NORMALLY OPEN
 - C3CONTROLS PART # 300-SFA01 NORMALLY CLOSED

4	7/29/2021	Updated Instructions	CB	AV
3	8/19/2020	Updated per new ECP-300 Design	CB	NT
2	1/25/2017	Moved Fuse Block Wiring Input Points From MPCB to Contactor	N. TEMPALSKI	P. DAMESIMO
1	8/30/2016	Drawing released	N. TEMPALSKI	P. DAMESIMO
Rev	Date	Description	Changed By	Approved By



WARNING

- * Disconnect Power before proceeding with any work on this equipment.
- * Installation and maintenance by technical personnel only.
- * Installation of c3controls product must be in accordance with the NEC (U.S. National Electrical Code) regulations or local codes/standards per your application.
- * Any violation of these safety requirements could result in a personal injury and/or result in damage to the equipment.

TOLERANCE X.XX +/- 0.02 .XXX +/- .005 .XXXX +/- .0001 ANGLES +/- 0.5 DEG UNLESS OTHERWISE SPECIFIED	Units:	P.O. BOX 496 BEAVER, PA 15009 www.c3controls.com							
	in [mm]								
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	Modeled By:	N. TEMPALSKI							
	Approved By:	P. DAMESIMO							
Created On:	8/25/2016	Rev #:	4	Size:	D	Scale:	NTS	Part Number:	12E00044