



UL TERMINAL TORQUES		
HMCP CIRCUIT BREAKERS		
RATING	WIRE SIZE	TORQUE
15A	14-10 AWG	35 LB-IN
30A	8 AWG	40 LB-IN
50A	6-4 AWG	45 LB-IN
100A 150A	3-4/0 AWG	50 LB-IN
250A 400A 600A	4-250 MCM	275 LB-IN
FUSED DISCONNECTS		
RATING	TORQUE	
30A	17 LB-IN	
60A	17 LB-IN	
100A	180 LB-IN	
200A	375 LB-IN	
400A	500 LB-IN	
NON-FUSED DISCONNECTS		
RATING	TORQUE	
60A	18 LB-IN	
100A	55 LB-IN	
200A	375 LB-IN	
400A	500 LB-IN	
WIRE TERMINALS		
TYPE	TORQUE	
SAK4	9 LB-IN	
SAK6	14 LB-IN	
SAK10	18 LB-IN	
SAK16	21 LB-IN	
SAK35	44 LB-IN	
POWER DISTRIBUTION BLOCKS		
WIRE SIZE	TORQUE	
2/0-3 AWG	120 LB-IN	
350-500 MCM	375 LB-IN	

- MRS DRIVE CONNECTION TERMINAL
- 888 DEVICE CONNECTION TERMINAL
- 888 TERMINAL NOT FOR CUSTOMER CONNECTION
- 888 TERMINAL FOR CUSTOMER CONNECTION
- D LOCATED ON ENCLOSURE DOOR
- I LOCATED INSIDE ENCLOSURE
- R LOCATED REMOTE FROM ENCLOSURE
- C LOCATED IN RESISTOR CAGE
- ARROW SUPPLIED ENCLOSURE WIRING
- CUSTOMER SUPPLIED ENCLOSURE WIRING
- ARROW SUPPLIED FIELD WIRING
- CUSTOMER SUPPLIED FIELD WIRING
- OUTPUT DESCRIPTION SUPPLIED PLC OUTPUT
- INPUT DESCRIPTION SUPPLIED PLC INPUT
- OUTPUT DESCRIPTION CUSTOMER PLC OUTPUT
- INPUT DESCRIPTION CUSTOMER PLC INPUT

ENCLOSURE	NEMA 12	TYPE	NON-VENTED	COOLING	NONE	BUS BAR RATING	20	HEIGHT	16	WIDTH	6	DEPTH	6
PART NUMBER													
2	25-JAN-11	***** AS BUILT *****											
1	24-JAN-11	2 SETS OF START/STOP BUTTONS											
0	24-JAN-11	ORIGINAL DRAWING ISSUE-WEIGHT: 60 LBS											
REV.	DATE	DESCRIPTION											

CUSTOMER NAME: _____ CUSTOMER DRAWING NUMBER: _____

AUTOVAC INDUSTRIAL VACUUM SYSTEMS
 TOLL FREE NUMBER - 1-888-628-8682
 EMAIL: SALES@AUTOVACINC.COM - WWW.AUTO-VAC.COM



PLANT: _____
 TITLE: 2X 20HP FVNR STARTER
 SUBTITLE: WIRING DIAGRAM
 SCALE: NONE DRAWN: LHK
 DATE: 24-JAN-11 CHECKED: _____
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