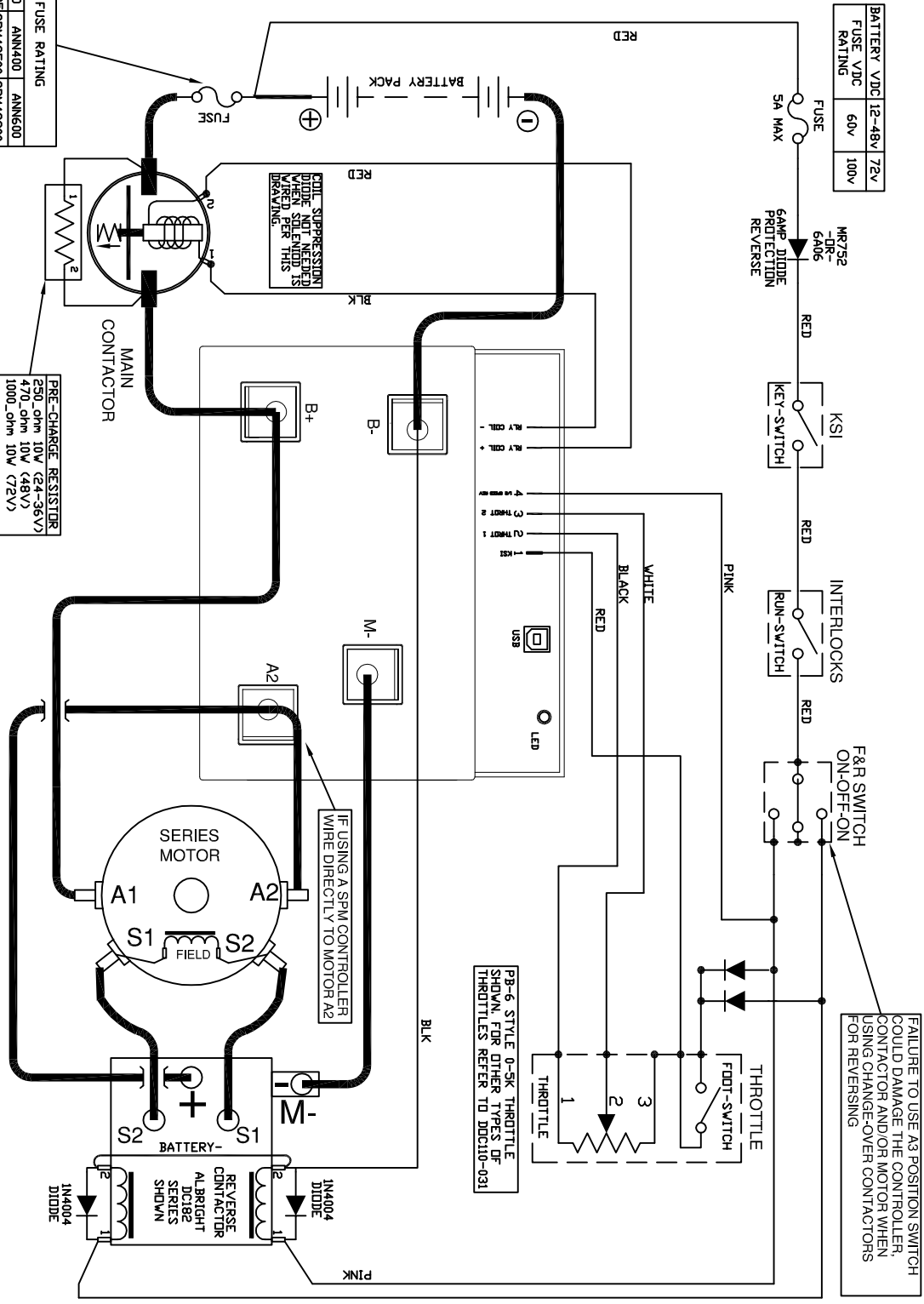


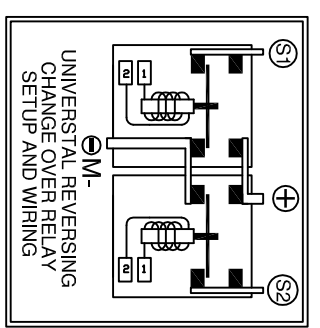
SPM/SPB to SERIES MOTOR W/ CHANGE-OVER CONTACTORS

PART NO.	DOC110-026
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CONTACTOR RATING (Observe Coil Voltage)		
200amp	400amp	600amp
SPM48225	SPM48500	SPM48800
SPM48300	SPM48600	
SPM48400		

POWER WIRE SIZING	
SPM48225	6AWG - 4AWG
SPM48300	6AWG - 4AWG
SPM48400	4AWG
SPM48500	2AWG-1/0 AWG
SPM48600	2AWG-2/0AWG
SPM48800	2/0AWG-4/0AWG



DO NOT SCALE DRAWING

ALTRAX 1111 Cheney Creek Rd.
Grants Pass, OR 97527
PHONE:(541) 476-3565

TITLE: \$PB - GENERIC SERIES MOTOR W/ REVERSE
Wiring Diagram
SIZE DOCUMENT NO. DOC110-026
REV. A

TAB	FUNCTION
1	KSI VOLTAGE
2	THROTTLE
3	THROTTLE
4	1/2 SPEED REVERSE
B+	BATTERY POSITIVE
B-	BATTERY NEGATIVE
M-	MOTOR MINUS

NOTES:
 * FUSES REQUIRED FOR ALL INSTALLATIONS
 * DIODE REQUIRED ACROSS COILS / RELAYS
 * PRE-CHARGE RESISTOR REQUIRED
 > ASSUMES FOOTSWITCH IS OPEN WHEN THROTTLE OFF WITHOUT NOTICE
 > ALTRAX RESERVES THE RIGHT TO CHANGE DOCUMENTATION WITHOUT NOTICE
 > ALTRAX MAKES NO WARRANTY AS TO THE ACCURACY, SUFFICIENCY, OR SUITABILITY OF ANY TECHNICAL OR OTHER INFORMATION PROVIDED
 > SEE OPERATORS MANUAL FOR MORE INFORMATION

REVISIONS			
REV.	ECO.	DATE	APVD
A	012513	012513	RC

DWG SCALE: 1:1			
DRAWN	R CSUK	11/15/10	
ENGR	D CROCKETT	11/15/10	