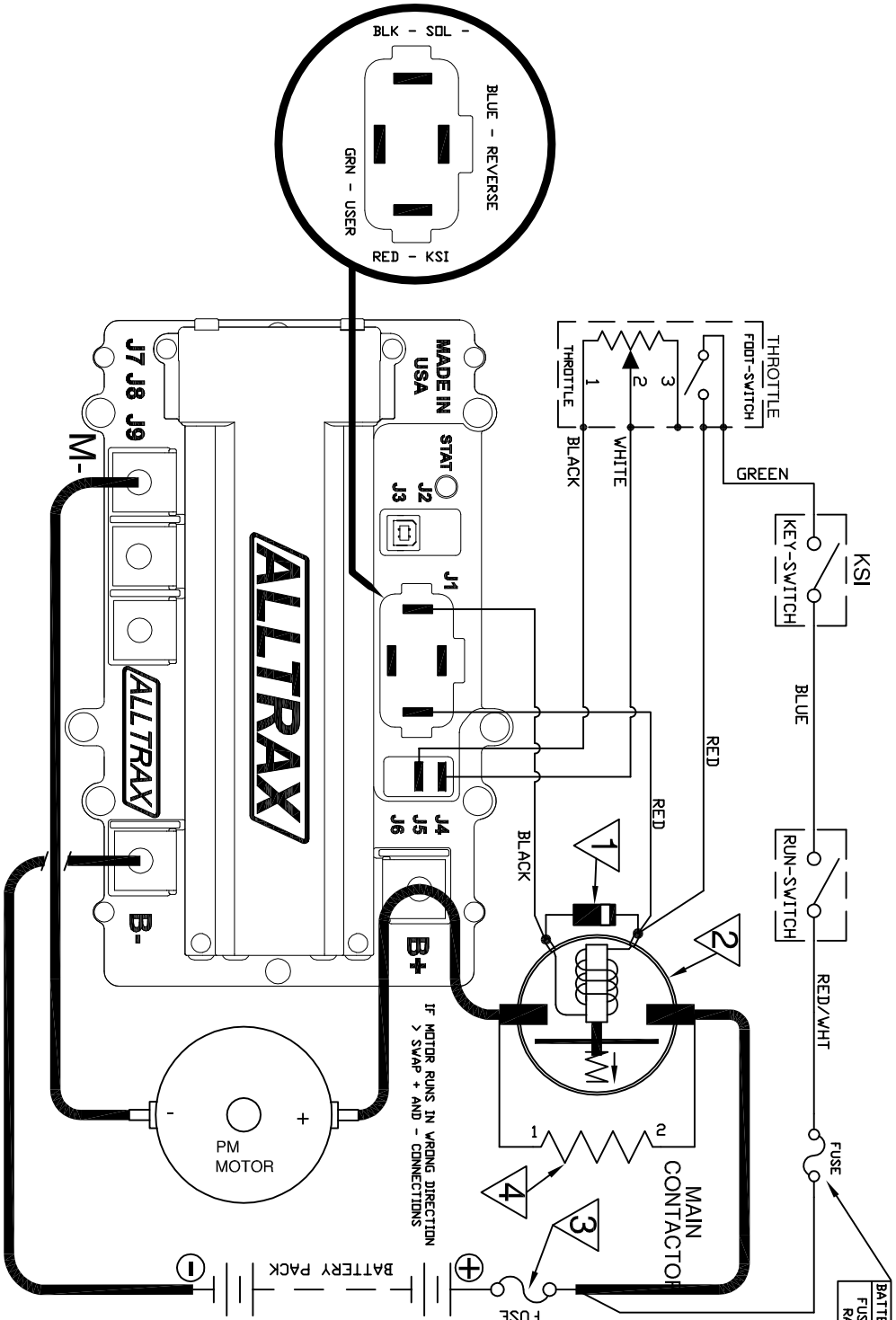


# SR - GENERIC WIRING PERMENANT MAGNET WITH NO REVERSE



BATTERY VDC	12-48V	72V
FUSE VDC RATING	60V	100V

1

DIODE RATING	CONTACTOR RATING
1N4001	DEM
1N5408	200A
HM754	400A

2

CONTACTOR RATING	CONTROLLER RATING
DEM	300A
200A	300A DR
400A	400A TD
400A	500A

3

FUSE	CONTROLLER RATING
ANNE50	400A DR
ANNA400	450A DR

4

VOLTAGE	RESISTOR RATING
36V	250 OHM 10W
48V	470 OHM 10W
72V	1000 OHM 10W

POWER WIRE RATING	CONTROLLER RATING
6AWG-4AWG	300A
4AWG-2AWG	400A
2AWG-1/0AWG	500A

IF MOTOR RUNS IN WRONG DIRECTION > SWAP + AND - CONNECTIONS

NOTES:

- \* FUSES REQUIRED FOR ALL INSTALLATIONS
- \* DIODE REQUIRED ACROSS COILS / RELAYS
- \* KSI IS REQUIRED TO BE A SWITCHED INPUT, NOT RESISTIVE
- > ASSUMES FOOTSWITCH IS OPEN WHEN THROTTLE OFF
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- > SEE OPERATORS MANUAL FOR MORE INFORMATION

REVISIONS		DWG SCALE: NTS	
REV.	ECO.	DATE	APVD
A	033016	033016	RC
B	032217	032217	RC
ENGR		D/Crockett	040116
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<b>ALLTRAX</b> 1111 Cheney Creek Rd. Grants Pass, OR 97527 PHONE:(541) 476-3565	
TITLE	SR to Generic PM No Reverse Wiring Diagram
SIZE	A
DOCUMENT NO.	DOC110-044
REV.	B
DO NOT SCALE DRAWING	
FILE: DWG-SR-GENERIC-PM-NO-REV-WIRE-DIA SHEET 1 of 1	