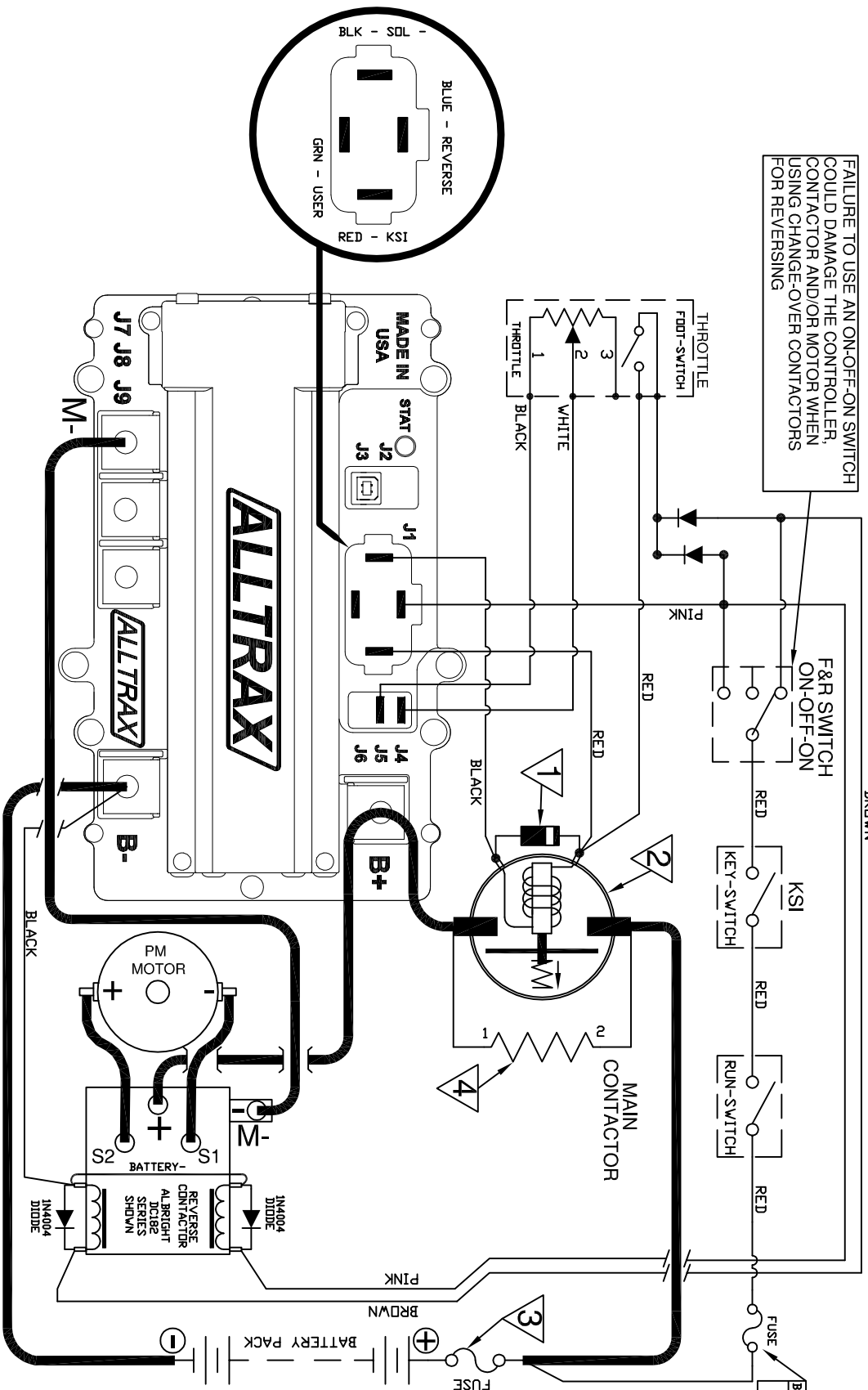


SR - GENERIC PERMENANT MAGNET WIRING WITH REVERSE

PART NO. DOC110-043

FAILURE TO USE AN ON-OFF-ON SWITCH
COULD DAMAGE THE CONTROLLER,
CONTACTOR AND/OR MOTOR WHEN
USING CHANGE-OVER CONTACTORS
FOR REVERSING



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

1	DIODE RATING	CONTACTOR RATING
	1N4001	DEM
	1N5408	DEM
	HR754	400A

2	CONTACTOR RATING	CONTROLLER RATING
	DEM 200A	300A DR 400A
	400A	300A TR 500A

3	FUSE RATING	CONTROLLER RATING
	ANN250	400A DR LESS
	ANN400	450A DR MORE

4	VOLTAGE	RESISTOR
	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

NOTES:

- * FUSES REQUIRED FOR ALL INSTALLATIONS
- * DIODE REQUIRED ACROSS COILS / RELAYS
- * KS1 IS REQUIRED TO BE A SWITCHED INPUT, NOT RESISTIVE
- > ASSUMES FOOTSWITCH IS OPEN WHEN THROTTLE OFF
- > ALLTRAX RESERVES THE RIGHT TO CHANGE DOCUMENTATION WITHOUT NOTICE
- > ALLTRAX 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	033016	033016	RC
B	032217	032217	RC

DWG SCALE: NTS		DRAWN	R CSUK	033116
ENGR		D.Crockett		033116
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TITLE		SR to Generic Series Reverse Wiring Diagram		
SIZE	DOCUMENT NO.	DOC110-043		REV.
A	S			B
FILE: DWG-SR-GENERIC-SERIES-REV-WIRE-04A		SHEET		1 of 1

DO NOT SCALE DRAWING

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