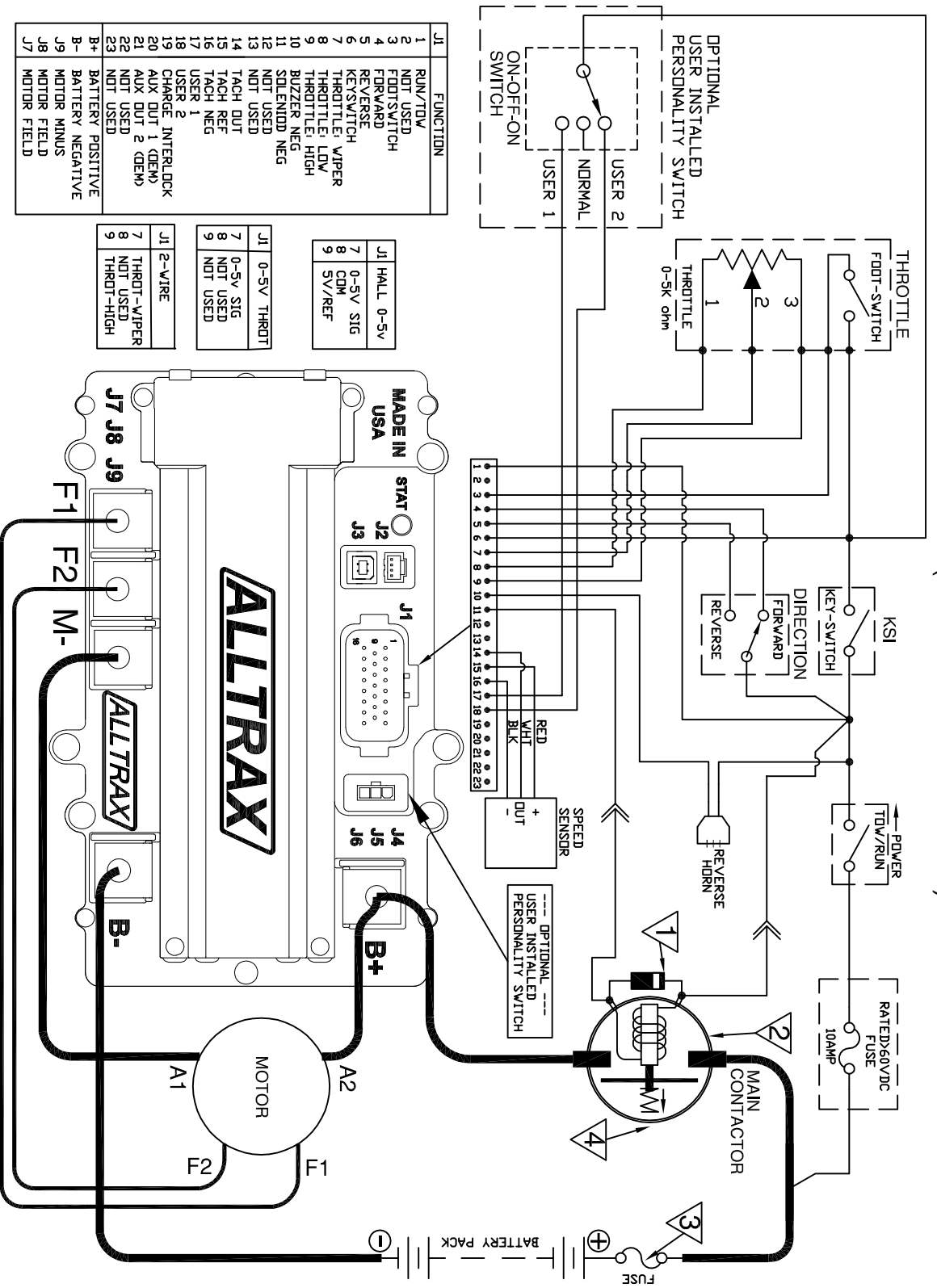


XCT GENERIC /W Throttle Options FOR SHUNT (SEPERATELY EXCITED) WOUND MOTORS



J1	FUNCTION
1	NOT USED
2	FTOT SWITCH
3	FORWARD
4	REVERSE
5	KEYSWTICH
6	THROTTLE WIPER
7	THROTTLE LOW
8	THROTTLE HIGH
9	BUZZER NEG
10	SOLENOID NEG
11	NOT USED
12	NOT USED
13	TACH OUT
14	TACH REF
15	TACH NEG
16	USER 1
17	USER 2
18	CHARGE INTERLOCK
19	AUX OUT 1 (DEM)
20	AUX OUT 2 (DEM)
21	NOT USED
22	NOT USED
23	NOT USED

J1	0-5V THROTT
7	0-5V SIG
8	CDM
9	SV/REF

J1	2-WIRE
7	THROTT-WIPER
8	NOT USED
9	THROTT-HIGH

J1	0-5V THROTT
7	0-5V SIG
8	CDM
9	SV/REF

- NOTES:**
- * 0-5V THROTTLES SHARE CONTROLLER B-
 - * FUSES REQUIRED FOR ALL INSTALLATIONS
 - * DIODE REQUIRED ACROSS COILS / RELAYS
 - * TOW/RUN SWITCH PREVENTS REGEN WHILE TOWING
 - > ASSUMES FTOTSWITCH IS OPEN WHEN THROTTLE OFF
 - > ALLTRAX RESERVES THE RIGHT TO CHANGE DOCUMENTATION WITHOUT NOTICE
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 - > SEE OPERATORS MANUAL FOR MORE INFORMATION

PART NO.	DOC110-049
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1	DIODE RATING	CONTACTOR RATING
1N4001	DEM	200A
1N5408	DEM	200A
MR754	400A	400A

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

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

4	PRE-CHARGE RESISTOR	NOT NEEDED ON XCT UNITS

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

DO NOT SCALE DRAWING

REVISIONS		DWG SCALE: NTS	
REV.	ECO.	DATE	APVD
A	040618	040618	W/BH

DRAWN	W Hopper	040618
ENGR	D.Crockett	040618

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FILE:	_DWG-XCT-049-THROTT.DWG	SHEET	1 of 1
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TITLE
XCT Generic /W Throttle Options
Wiring Diagram

SIZE DOCUMENT NO.
S DOC110-049

REV.
A