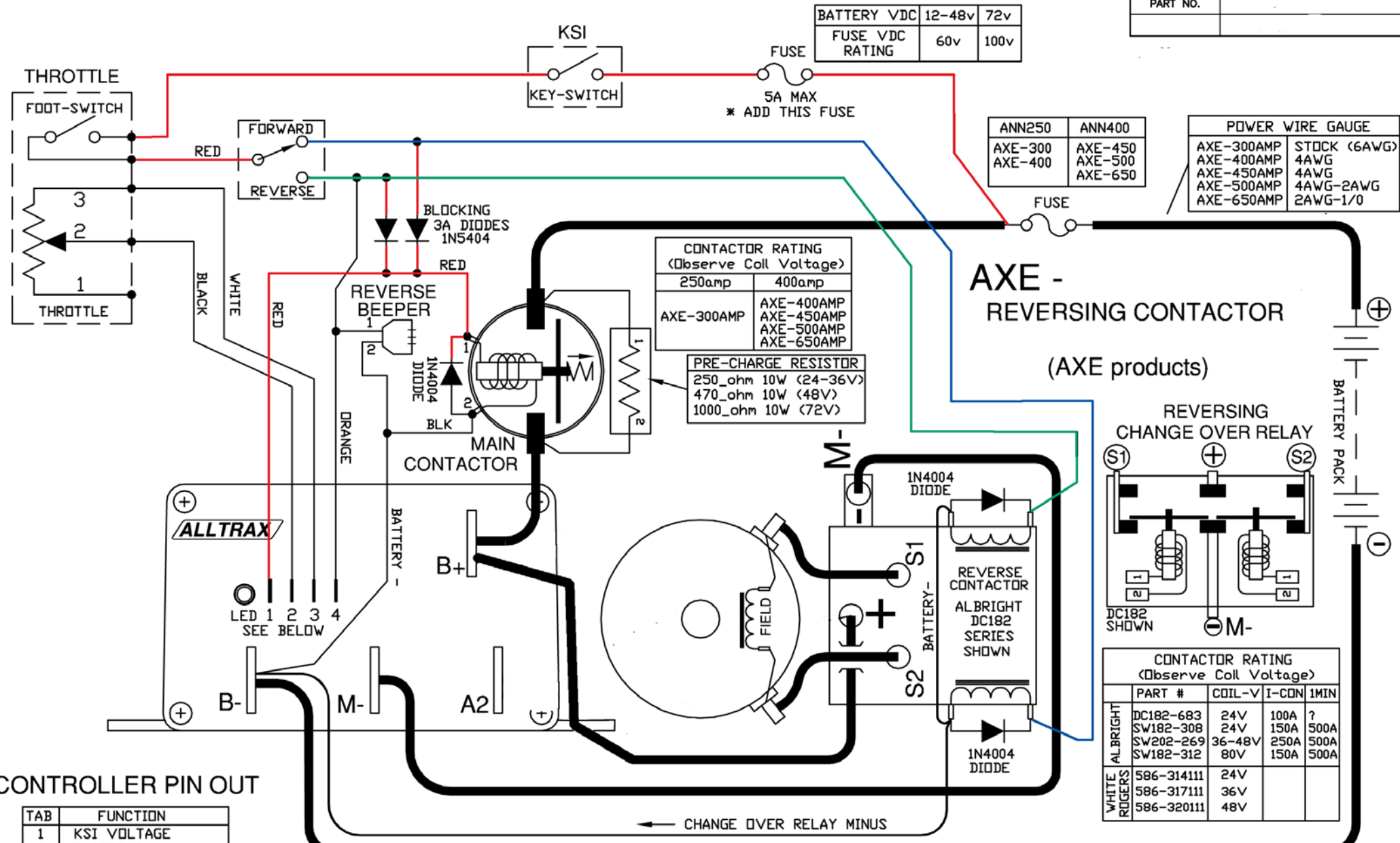


BATTERY VDC	12-48v	72v
FUSE VDC RATING	60v	100v

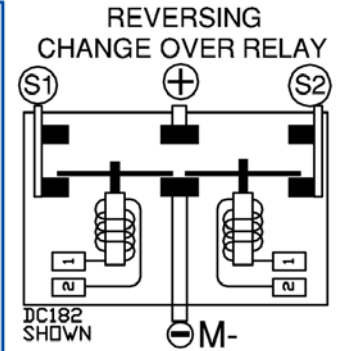
ANN250	ANN400
AXE-300	AXE-450
AXE-400	AXE-500
	AXE-650

POWER WIRE GAUGE	
AXE-300AMP	STOCK (6AWG)
AXE-400AMP	4AWG
AXE-450AMP	4AWG
AXE-500AMP	4AWG-2AWG
AXE-650AMP	2AWG-1/0



CONTACTOR RATING (Observe Coil Voltage)	
250amp	400amp
AXE-300AMP	AXE-400AMP
	AXE-450AMP
	AXE-500AMP
	AXE-650AMP

PRE-CHARGE RESISTOR	
250_ohm 10W (24-36V)	
470_ohm 10W (48V)	
1000_ohm 10W (72V)	



CONTACTOR RATING (Observe Coil Voltage)				
	PART #	COIL-V	I-COIL	1MIN
ALBRIGHT	DC182-683	24V	100A	?
	SW182-308	24V	150A	500A
	SW202-269	36-48V	250A	500A
WHITE RUGERS	586-314111	24V		
	586-317111	36V		
	586-320111	48V		

CONTROLLER PIN OUT

TAB	FUNCTION
1	KSI VOLTAGE
2	THROTTLE
3	THROTTLE
4	1/2 SPEED REVERSE
B+	BATTERY POSITIVE
B-	BATTERY NEGATIVE
M-	MOTOR MINUS
A2	MOTOR ARMATURE (-)

NOTES:

- * FUSES REQUIRED FOR ALL INSTALLATIONS
- * DIODE REQUIRED ACROSS COILS / RELAYS
- * PRE-CHARGE RESISTOR REQUIRED
- > 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

* HIGH CURRENT WIRING IN BOLD *

DO NOT SCALE DRAWING

REVISIONS				DWG SCALE: NTS	
REV.	ECO.	DATE	APVD	DRAWN	ENGR

TITLE		AXE- with Reverse Wiring Diagram	
SIZE	DOCUMENT NO.	REV.	
A			
FILE:	SHEET		1 of 1