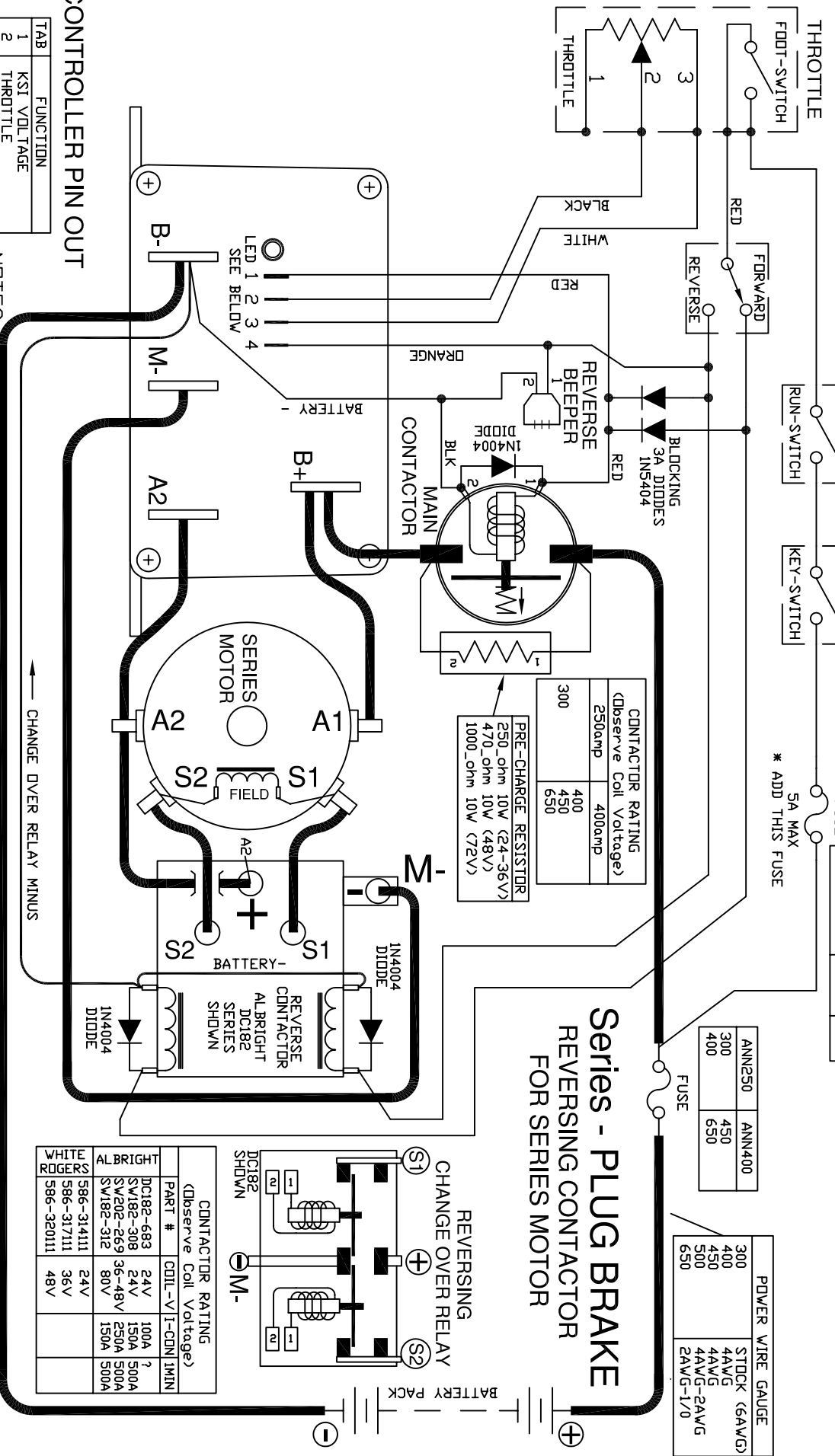


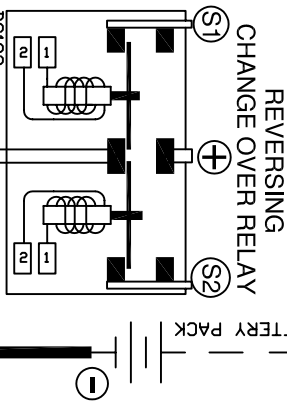
BATTERY VDC	12-48V	72V
FUSE VDC RATING	60V	100V

POWER WIRE GAUGE	
ANN250	300
ANN400	450
	650
	STOCK (6AWG)
	44WG
	44WG-500
	44WG-2AWG
	2AWG-1/0

Series - PLUG BRAKE REVERSING CONTACTOR FOR SERIES MOTOR



CONTACTOR RATING (Observe Coil Voltage)	250amp	400amp
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-COM	MIN	
DC182-683	24V	100A	?
SV182-308	24V	150A	500A
SV202-269	36-48V	250A	500A
SV182-312	80V	150A	500A
SV182-314111	24V		
SV182-317111	36V		
SV182-320111	48V		

NOTES:

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

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 (-)

* HIGH CURRENT WIRING IN BOLD *

DO NOT SCALE DRAWING

REVISIONS			DWG SCALE: NTS	
REV.	ECO.	DATE	APVD	
A	010407	010407	TT	
D&D Motor Systems, Inc.			215 Park Ave. Syracuse, NY 13204	
Series-Plug Brake with Reverse Wiring Diagram			PHONE:(315) 701-0635	
FILE:	Series-PlugBrk-Rev-wire-dtdwg	SHEET	101	