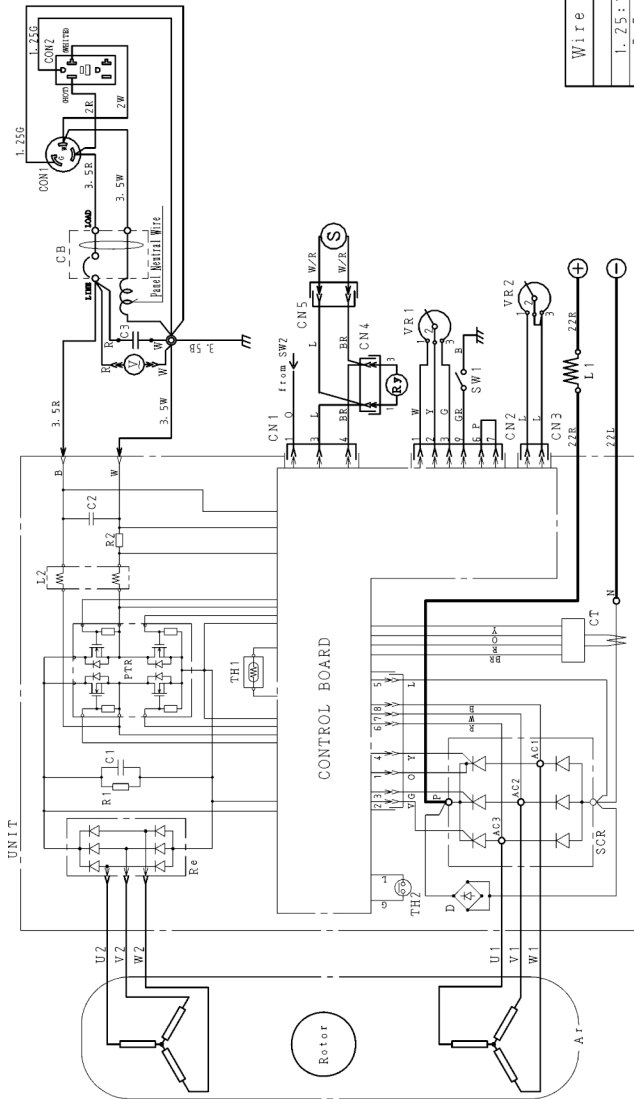
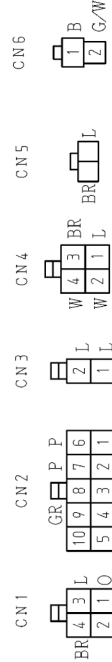


# 14. WIRING DIAGRAM

SYMBOL	PARTS NAME
Ar	Armature Ass'y
Rotor	Rotor Ass'y
UNIT	Control Unit
CB	AC Circuit Breaker (GFCI)
CON1	Receptacle
CON2	Receptacle
V	AC Voltmeter
C3	Surge Filter
SW1	Idle Control Switch
VR1	Current Regulator
VR2	Arc Force Regulator
L1	DC Reactor
⊕	Welding Output Terminal
SW2	Operation Switch
SW3	Start Switch
Rel. 2	Rectifier
S	Solenoid
Ry	Relay
C5	Condenser
F	Fuse



Wire Size	SYMBOL	COLOR	SYMBOL	COLOR
1.25	1.25#	B	R	RED
3.5	3.5#	L	W	WHITE
1.4	1.4#	BR	Y	YELLOW
2.2	2.2#	G	LB	LIGHT BLUE
NO MARK	0.75#	GR	LG	LIGHT GREEN
		V	O	ORANGE
		P		PINK



Connector  
(View from Inserting Wire side)

