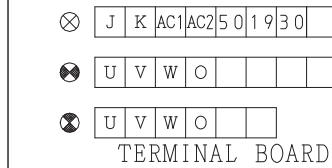
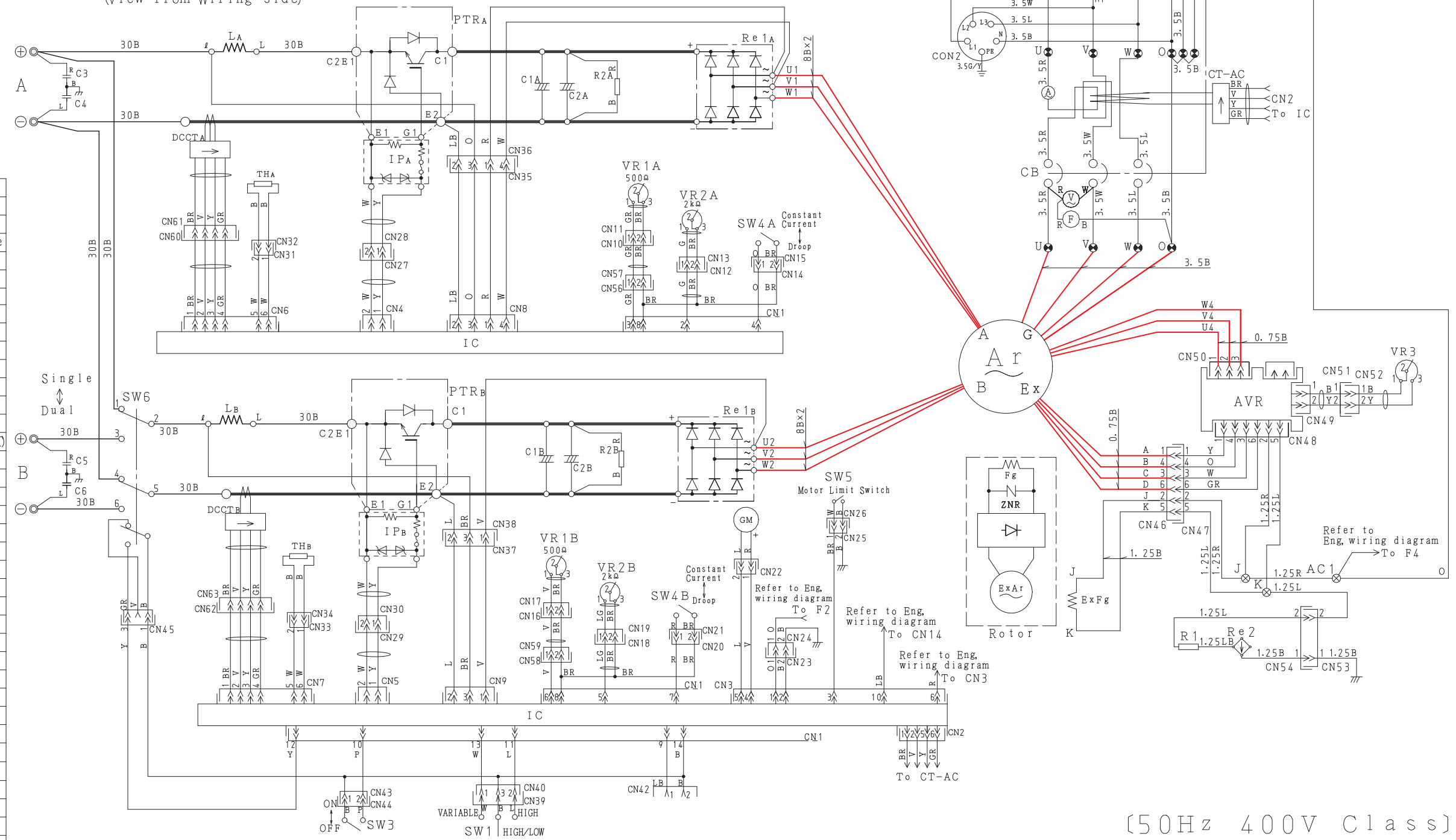


CONNECTOR
(View from Wiring side)



SYMBOL	PARTS NAME
Ar	Armature Ass'y
Rotor	Rotor Ass'y
CON1, 2	3-Phase AC Circuit Receptacle
CB	AC Circuit Breaker
V	AC Voltmeter
A	AC Ammeter
F	Frequency Meter
TB1	Terminal Board
TB2	Terminal Board
TB3	Terminal Board
⊕ ⊖	DC Welding Output Terminal
L A, B	DC Reactor
TH A, B	Thermistor
IC	Control Unit, transistor (IGBT)
IP A, B	Protector, transistor (IGBT)
DCCTA, B	Current Transformer
PTR A, B	IGBT
Re1 A, B	Rectifier
Re2	Rectifier
C1,2 A,B	Condenser
C3~6	Surge Filter
VR1 A, B	Current Regulator
VR2 A, B	Arc Force Regulator
VR3	Voltage Regulator
AVR	Automatic Voltage Regulator
CT-AC	Current Transformer
GM	Geared Motor
SW1	e-mode Selector Switch
SW3	VRD Switch
SW4 A, B	Welding Mode Selector Switch
SW5	Motor Limit Switch
SW6	Single-Dual Selector Switch
R1	Resistor
R2 A, B	Resistor



(50Hz 400V Class)

Wire Size	WIRING COLOR CODE			
1.25: 1.25mm ²	SYMBOL	COLOR	SYMBOL	COLOR
2: 2mm ²	B	BLACK	R	RED
3.5: 3.5mm ²	L	BLUE	W	WHITE
5.5: 5.5mm ²	BR	BROWN	Y	YELLOW
8: 8mm ²	G	GREEN	LB	LIGHT BLUE
30: 30mm ²	GR	GRAY	LG	LIGHT GREEN
NO MARK: 0.75mm ²	V	VIOLET	O	ORANGE
	P	PINK		

SCALE		
1/1		

DLW-400LSW
GENERATOR WIRING DIAGRAM

Optional Parts (O. P.)	
CON3, 4	1-Phase AC Circuit Receptacle
22	Earth Leakage Relay
C7	Condenser
⊥	Ground Terminal for ELR
* A	Welding Side A
* B	Welding Side B
* Ex	ABCD Excitation (for AVR)
* G	AC Generator