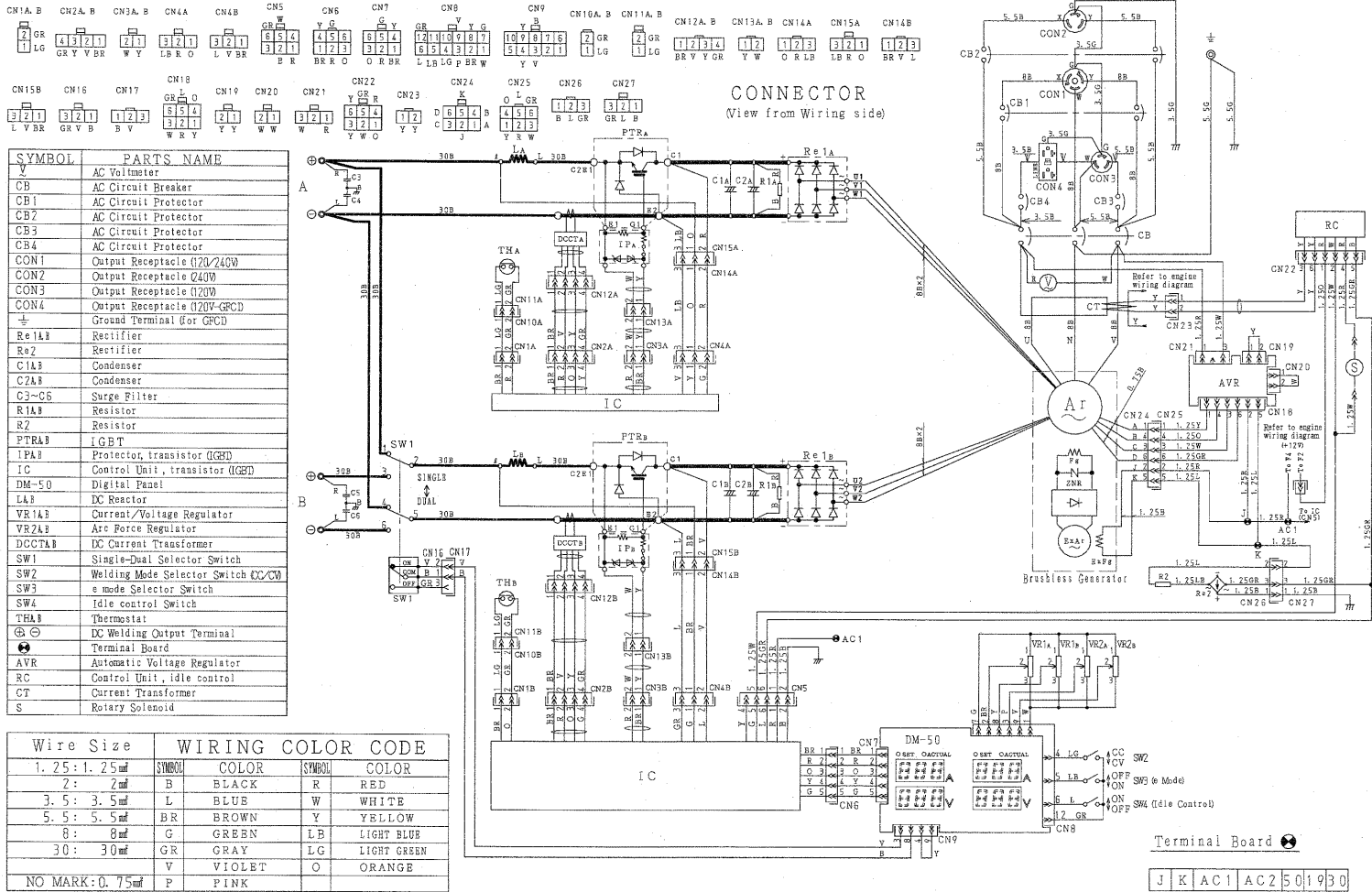


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15. GENERATOR WIRING DIAGRAM



SYMBOL	PARTS NAME
V	AC Voltmeter
CB	AC Circuit Breaker
CB1	AC Circuit Protector
CB2	AC Circuit Protector
CB3	AC Circuit Protector
CB4	AC Circuit Protector
CON1	Output Receptacle (120/240V)
CON2	Output Receptacle (120V)
CON3	Output Receptacle (120V)
CON4	Output Receptacle (120V-GFCD)
⊥	Ground Terminal (for GFCD)
Re1A	Rectifier
Re2	Rectifier
C1A	Condenser
C2A	Condenser
C3-C6	Surge Filter
R1A	Resistor
R2	Resistor
PTRAB	IGBT
IPA	Protector, transistor (IGBT)
IC	Control Unit, transistor (IGBT)
DM-50	Digital Panel
LD	DC Reactor
VR1A	Current/Voltage Regulator
VR2A	Arc Force Regulator
DCCTA	DC Current Transformer
SW1	Single-Dual Selector Switch
SW2	Welding Mode Selector Switch DC/CV
SW3	Mode Selector Switch
SW4	Idle control Switch
THA	Thermostat
⊕	DC Welding Output Terminal
⊖	Terminal Board
AVR	Automatic Voltage Regulator
RC	Control Unit, idle control
CT	Current Transformer
S	Rotary Solenoid

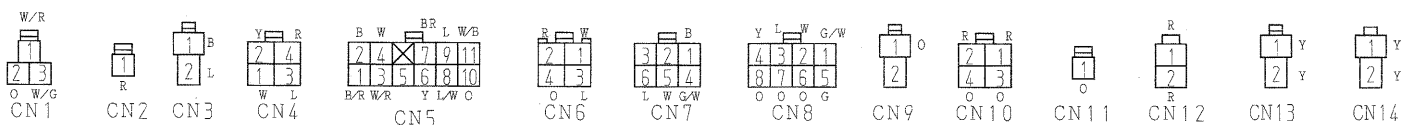
Wire Size	WIRING COLOR CODE
1.25: 1.25mm ²	SYMBOL COLOR SYMBOL COLOR
2: 2mm ²	B BLACK R RED
3.5: 3.5mm ²	L BLUE W WHITE
5.5: 5.5mm ²	BR BROWN Y YELLOW
8: 8mm ²	G GREEN LB LIGHT BLUE
30: 30mm ²	GR GRAY LG LIGHT GREEN
NO MARK: 0.75mm ²	V VIOLET O ORANGE
	P PINK

Terminal Board

J K AC1 AC2 50 1930

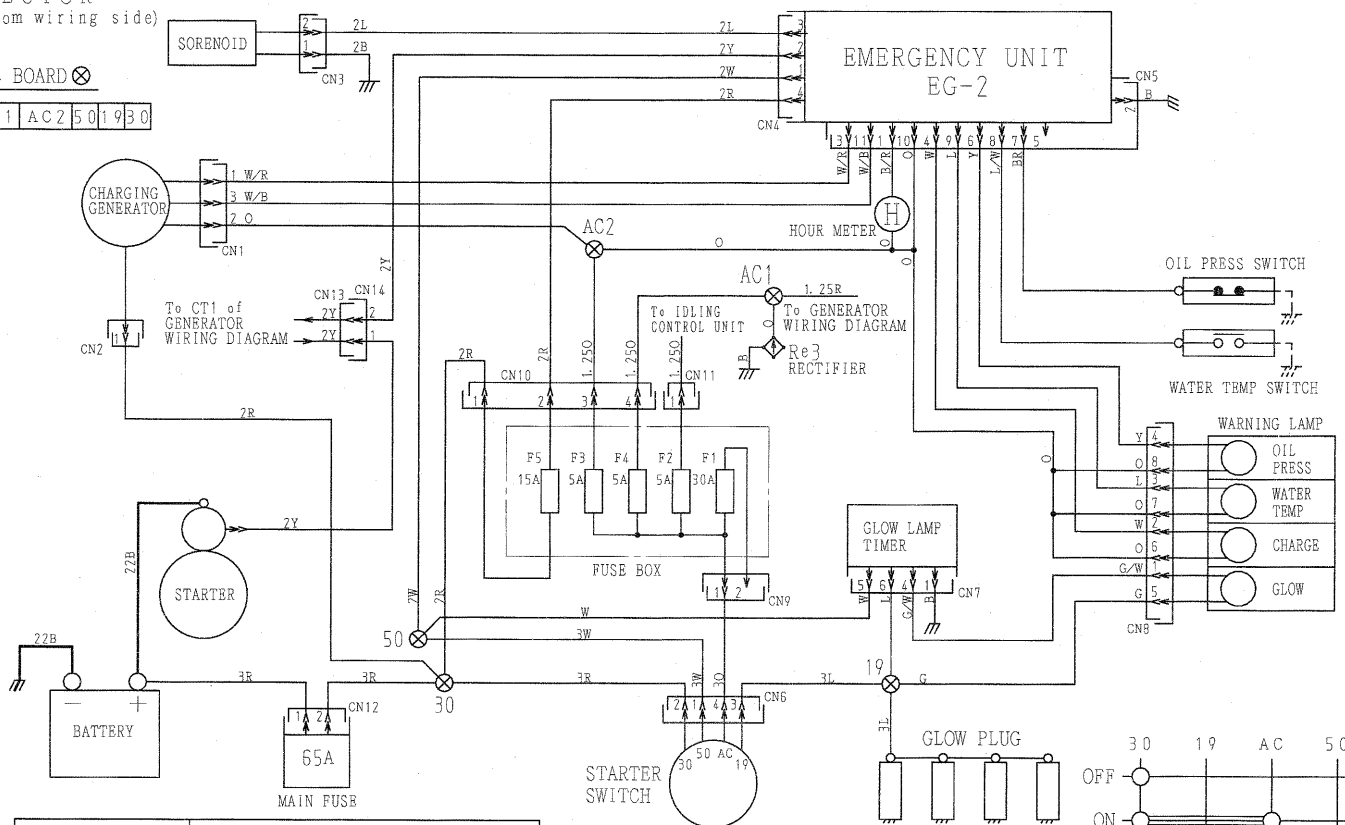
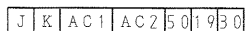
DLW400ES

16. ENGINE WIRING DIAGRAM



CONNECTOR
(View from wiring side)

TERMINAL BOARD ⊗



Wire Size	WIRING COLOR CODE			
	SYMBOL	COLOR	SYMBOL	COLOR
1.25: 1.25mm ²				
2: 2mm ²	B	BLACK	R	RED
3: 3mm ²	L	BLUE	W	WHITE
22: 22mm ²	BR	BROWN	Y	YELLOW
	G	GREEN	LB	LIGHT BLUE
	GR	GRAY	LG	LIGHT GREEN
	V	VIOLET	O	ORANGE
NO MARK: 0.75mm ²	P	PINK		

