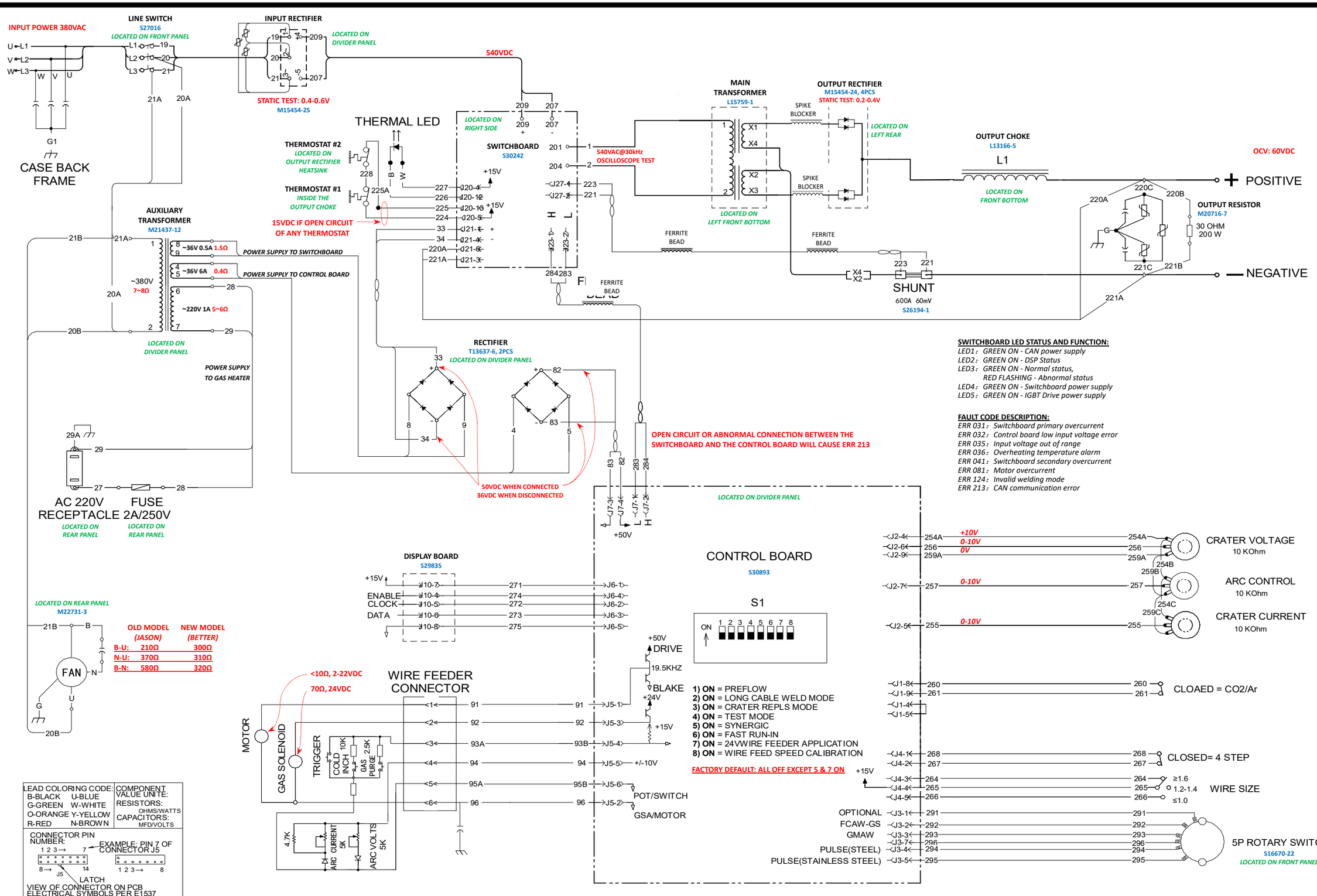
OPTIMARC CV500P WIRING SCHEMATIC

CODE: 76234



SWITCHBOARD LED STATUS AND FUNCTION:

LED1: GREEN ON - CAN power supply
LED2: GREEN ON - DSP Status
LED3: GREEN ON - Normal status,
RED FLASHING - Abnormal status
LED4: GREEN ON - Switchboard power supply
LED5: GREEN ON - IGBT Drive power supply

FAULT CODE DESCRIPTION:

ERR 031: Switchboard primary overcurrent
ERR 032: Control board low input voltage error
ERR 035: Input voltage out of range
ERR 036: Overheating temperature alarm
ERR 041: Switchboard secondary overcurrent
ERR 081: Motor overcurrent
ERR 124: Invalid welding mode
ERR 213: CAN communication error

LEAD COLORING CODE:		COMPONENT VALUE UNITE:
B-BLACK	U-BLUE	RESISTORS: OHMS/WATTS
G-GREEN	W-WHITE	CAPACITORS: MFD/VOLTS
O-ORANGE	Y-YELLOW	
R-RED	N-BROWN	

CONNECTOR PIN NUMBER: EXAMPLE: PIN 7 OF CONNECTOR J5
LATCH
VIEW OF CONNECTOR ON PCB
ELECTRICAL SYMBOLS PER E1537

ALL COMPONENTS VIEWED FROM REAR.

LINCOLN ELECTRIC

A.05
G5964-29