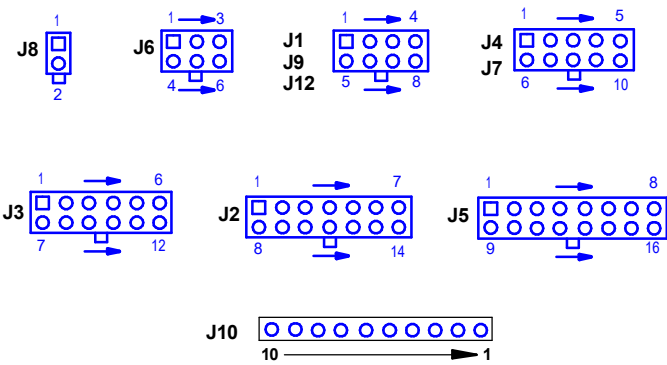


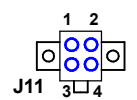
POWER MIG 256 MACHINE SCHEMATIC G4752-2 REV: B

CAVITY NUMBERING SEQUENCE
(COMPONENT SIDE OF P.C. BOARD)



GENERAL INFORMATION
ELECTRICAL SYMBOLS PER E1537
COLOR CODE:
B - BLACK
W - WHITE
R - RED
U - BLUE
INDICATES CONNECTOR CAVITY NO.

** CAVITY
NUMBERING SEQUENCE
(NON-LEAD SIDE OF CONNECTOR)



NOTES:

N.A. WELDING CABLE MUST BE OF PROPER CAPACITY FOR THE CURRENT AND DUTY CYCLE OF IMMEDIATE AND FUTURE APPLICATIONS.
N.B. THIS DIAGRAM SHOWS THE "ELECTRODE" POLARITY "POSITIVE". TO CHANGE POLARITY, TURN THE UNIT OFF AND REVERSE LEAD CONNECTIONS AT CABLE CONDUCTOR STRAP AND WORK STUD.
N.C. THIS MACHINE IS WIRED TO USE A MAGNUM 250 LX SPOOL GUN DIRECTLY. A K2445-1 ADAPTER IS NEEDED TO USE A MAGNUM SPOOL GUN.

TIMER BOARD FEATURES
Automatically SENSES if board is present.
Adjustable SPOT TIME from 0 to 5 sec.
Adjustable BURNBACK TIME from 0 to 250 msec.
Adjustable RUN-IN speed from 50 to 150 IPM
Convenient 4 STEP TRIGGER INTERLOCK

TIMER PC BOARD

LOCATED IN CASE FRONT ASSEMBLY

FACTORY INSTALLED
TIMER ASSEMBLY

TIMER SWITCH

OUTPUT RATING

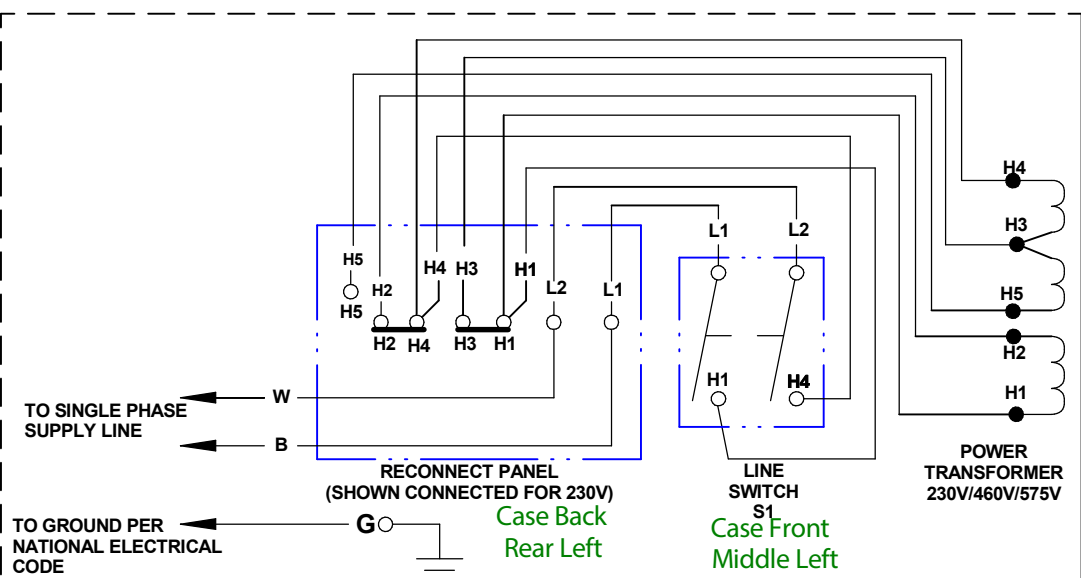
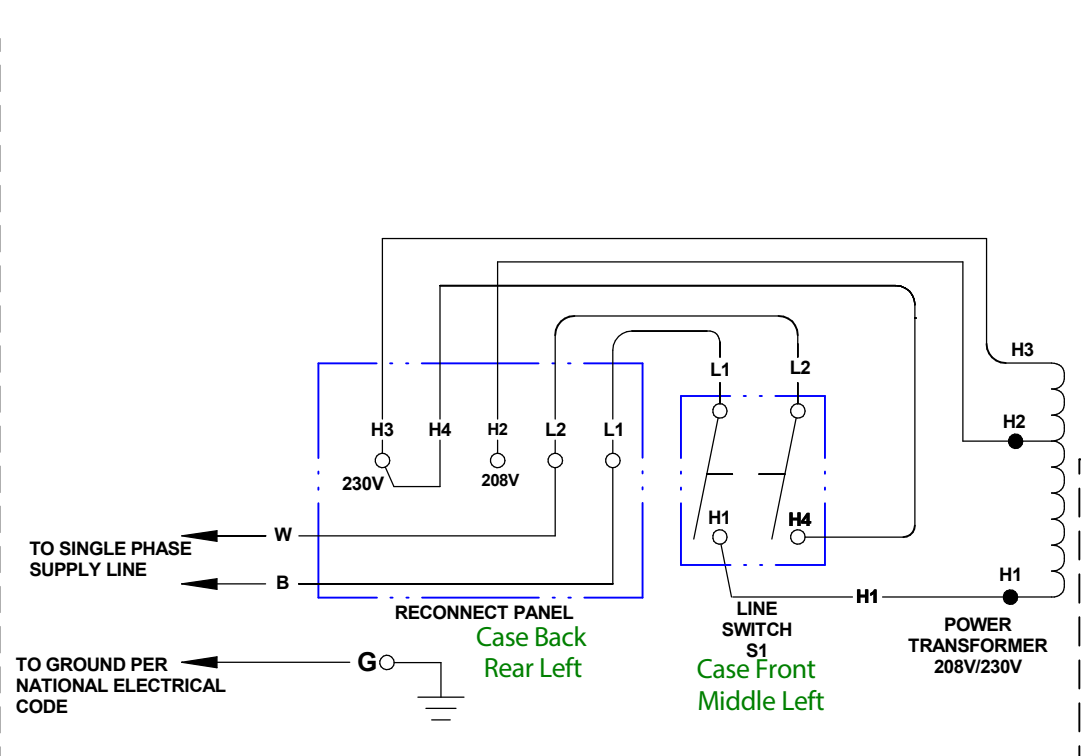
The POWER MIG 256 is rated at 250 amps @ 26 volts, at a 40% duty cycle based on a ten minute cycle. It is capable of higher duty cycles at lower outputs and capable of up to 300 Amps at lower duty cycles.

PROCEDURES

Weld procedures are listed on the hinged flap of the machine, or consult Procedure Chart G3681-2.

ERRORS DISPLAYED
"Too HOT" - Thermostat is open; allow machine to cool.
"Too HI" - Input voltage is too high; verify correct or obtain lower input voltage.
"Too Lo" - Input voltage is too low; verify correct or obtain higher input voltage.

THIS SECTION APPEARS ON 208V/230V MACHINE ONLY



THIS SECTION APPEARS ON 230V/460V/575V MACHINE ONLY

LIMITATION

The Power MIG 256 WILL NOT operate satisfactorily if powered with a portable or in-plant generating system including engine welders.

**LINCOLN
ELECTRIC**

CLEVELAND, OHIO U.S.A.