



## Standard Single Pack Controls

## MedWeld 3005

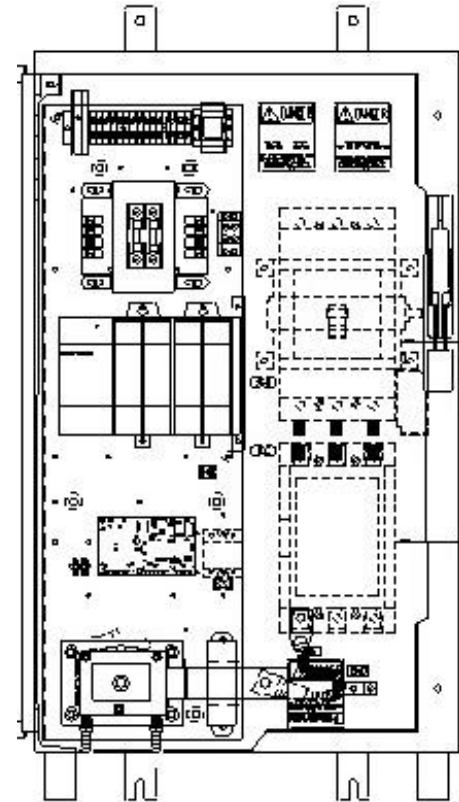
**Dimensions:** 33 (838) H  
inches (cm) 20 (508) W  
10.25 (260) D

Enclosure Color: Grey

**Mounting:** 36 (914) H  
10 (254) W

**One-year warranty**

**Drawings:** dw-011587-01.dwg  
dm-012000-01.dwg



Part Number	Model Number
952-0402	3015-1=1200-2502-480/600
952-0403	3015-1=1200-4002-480/600
952-0404	3015-1=1200-2502-1=#4-480/600
952-0405	3015-1=1200-4002-1=#5-480/600

### Special Features:

The MedWeld 3005 is a powerful welding control that is integrated into the Allen-Bradley SLC500 PLC system. This featured model has pre-programmed ladder saved in non-volatile EE-Prom which means that you will never be required to program the ladder sequence if the factory shipped I/O configuration suits your equipment needs. If different I/O is desired, you may reprogram the A-B 5/01 processor as required.

### Options:

- 250 or 400 amp circuit breaker
- Size #4 or 5 isolation contactor
- WebVIEW network system
- DP100s Data Entry Panel

### Features:

- Free-form programming
- 99 weld schedules
- Constant Current / AVC
- Door port kit installed
- C-Factor monitoring
- Dynamic Power Factor compensation
- Ohma sequence interface
- Fault & Alert Output
- Network ready – can do it yourself
- AB PLC 500 – 4slot rack, P1 power supply, with 5/01 processor, 1K memory, EE Prom, with 16 inputs and 16 outputs.

Number	Inputs IB16	Outputs OW16
1	Binary Select 1	No Fault
2	Binary Select 2	Alert
3	Binary Select 4	Weld Complete
4	Binary Select 8	Ready to Weld
5	Binary Select 16	End of Stepper
6	Weld Initiate	Stepper Approach Max
7	Weld / No Weld	Valve 1
8	Retract Input	Valve 2
9	Stepper Reset	Valve 3
10	Fault Reset	Valve 4
11	Pressure Switch	Valve 5
12	Weld Proceed	Valve 6
13	Contactor Present	Retract Valve (Block)
14	Control Stop	Ohma Intensify
15	System Cooling	Shunt Trip
16	IC Aux Contacts	Isolation Contactor

**Factory loaded I/O. User can modify in programming of AB SLC processor.**