INTRODUCING THE

SINGLE PHASE AC CASCADE RESISTANCE WELDING CONTROL

ENLINK 6041

Standard with every control



USB and ETHERNET INTERFACES

USB FLASH MEMORY



For STORAGE and BACKUP of SCHEDULE DATA and WELD LOG

INTUITIVE OPERATOR **INTERFACE**



128 x 64 Dots Graphic Display with 8 lines of text Joy Stick Data Entry Simple Programming **Detachable/Hand Held**

EN6041 is part of the EN6000 Series family (EN6001....EN6041)

The EN8000 Series















FEATURES

- 100 Programs

1604

- 2-8 Welding Contactors300A, 1200A, 1800A, 2200A, 3200A and **External Contactor firing**
- Windows: Current High, Low and Pre limits
- Advanced Error Outputs
- Weld Log / Error Log
- · Hardware status indicators
- · Force control and force sensing
- Current and Force Stepper with Presets
- · Event Outputs
- · Integrated Sequencer with diverse instruction set
- · Shorted contactor detection

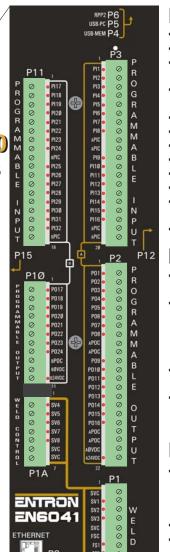
I/O

- 8) inputs and 8) outputs dedicated to weld
- 24 VDC flexible I/O (40 in/24 out); some mapable between weld functions, events, simple I/O sequences and remote PLC I/O; 32 inputs and 24 outputs available to sequencer
- 24V Outputs have current limited outputs with short circuit protection
- 2) each 4-20 mA or 0-10V Analog inputs and outputs for sequencer and force control

PLC Compatibility

- PLC compatible via EtherNet/IP or MODBUS Function Code 04, 16 and 43 through low-cost serial (RS232 and RS485) or ethernet interfaces
- Use weld control I/O for remote PLC I/O
- · Map weld control functions for PLC control
- · Design custom operator interfaces
- Read and write Schedule and Control
- Interface to other force systems
- · Read weld logs remotely

DESIGNED, BUILT, SUPPORTED IN THE USA



CONT

ANALOG CONTROL P7

INTRODUCING ENLINK 6041

SINGLE USER (USB) and NETWORK (ETHERNET)
PROGRAMMING SOFTWARE

Standard with every control

