## SINGLE PHASE AC RESISTANCE WELDING CONTROL

# EN6021

## **ENLINK 6021**

Standard with every control



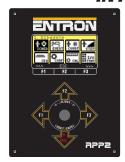
USB and ETHERNET INTERFACES

**USB FLASH MEMORY** 



For STORAGE and BACKUP of SCHEDULE DATA and WELD LOG

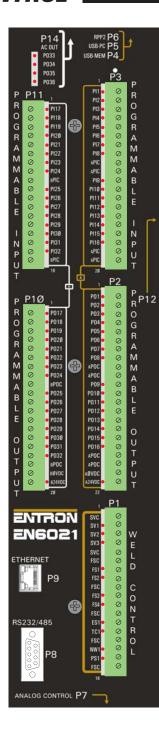
## INTUITIVE OPERATOR INTERFACE



### **3272**

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

EN6021 is part of the EN6000 Series family (EN6001....EN6041)



#### **FEATURES**

- 100 Programs
- · 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 3) outputs dedicated to weld control
- 24 VDC flexible I/O (24 in/16 out); some mapable between weld functions, events, simple I/O sequences and remote PLC I/O
- 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
- Optional 16) 24 VDC inputs and 16) 24 VDC outputs to use in sequencer
- Optional 4) programmable 120 VAC outputs

### **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 data
- · Interface to other force systems
- · Read weld logs remotely

DESIGNED, BUILT, SUPPORTED IN THE USA

# ENLINK 6021

## Standard with every control

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

