EN6001
Constant Current AC Controls

**BENEFITS:**
- LOW COST
- EASIER TO PROGRAM
- MORE I/O
- USB backup Port

**MAIN FEATURES:**
- 64 Programs
- Single SCR
- Secondary Constant Current
- Monitor High/Low limits
- Voltage Monitoring
- Auto Power Factor

10 Inputs (4 Fixed; 6 Programmable across 15 functions)
7 Outputs (3 Fixed; 4 Programmable across 12 functions)

www.tjsnow.com  |  1-800-NOW-SNOW (669-7669)
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EN6001 Constant Current AC Controls

Features
- Constant current regulation; Primary / Secondary feedback
- Current monitoring with high, low and pre-limits
- Up to 64 programs (internal or 16 external selection)
- On Timer Membrane Keyboard with backlight 128x64 (8 line) LCD graphic display
- 6 inputs and 4 outputs with output protection CPU
- Electrode management functions, including stepping, tip-dressing and preset curves
- Welding programs may be linked together for complex spot schedules (chained or successive) Refresh firmware through USB device
- Load / export control settings from / to USB device
- AC 60/50 Hz welding supported
- Spot / Pulsation / Seam welding / Flash or Butt welding / Brazing
- Multiple weld intervals plus pulsation, upslope and downslope
- Air-over-oil gun operation
- Retraction-maintained and momentary
- Water Saver
- Head lock function
- Phase shift monitor
- Half-cycle operation (Alt. / Pos. / Neg.)
- Schedule Number: 0 to 63
- Squeeze Delay: 0 to 99 cycles
- Valve Mode: None / All combinations of 3 valves
- Weld1: 0 to 99 cycles
- Weld1 Current Regulation Mode: Phase Shift / Constant Current
- Heat1: 0 to 99%
- Current1: 0 to 100.00 kA
- Cool1: 0 to 99 cycles
- Slope: 0 to 99 cycles
- Weld2: 0 to 99 cycles
- Heat2: 0 to 99%
- Weld2 Current Regulation Mode: Phase Shift / Constant Current
- Current2: 0 to 100.00 kA
- Cool2: 0 to 99 cycles
- Hold: 0 to 99 cycles
- Off: 0 to 99 cycles
- Impulses: 1 to 99 cycles
- Heat / Current Offset: -15 to +15%
- Cycle Mode: Non-repeat / Repeat / Chained / Successive / Wait Here

Options
- Program Lockout (key switch)
- Operation Mode Switch (Program Lockout and Weld/No Weld)
- Error Reset Switch
- Optional plug-in Ethernet card provides PLC compatibility via MODBUS & EtherNet/IP for remote I/O

TABBED MENUS

EASY PROGRAMMING

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