

# ENTRON™

## Controls for Resistance Welding EN1003

### Multiple Schedule/Multiple Sequence 3 Phase DC Controls



- **Simple to Program**  
Push buttons and a short three-step procedure make easy work of programming any possible welding schedule.
- **New Design Reduces Cost**  
Simplified design significantly reduces production costs. These savings are passed on to you.
- **Quality Tested to Performance Extremes**  
Each unit is tested to insure maximum performance at customary operating levels. The ENTRON resistance welding control has consistently offered an excellent performance history.
- **Application Flexibility**  
Transformers can be connected in an Inside Delta, Outside Delta, or "Y" configuration.

#### Features

- 3 SCR Contactors
- Spot Sequence
- Pulsation Sequence
- Up & Down Slope
- Quench/Temper
- Forge Delay
- Multiple Weld/Multiple Current Sequence
- Preheat/Postheat
- External Schedule Select
- Seam Sequence
- Brazing
- Flash Welding
- Retraction
- Squeeze Delay
- Stepper

#### Capabilities

- 50 Unique Schedules
- Chained & Successive Modes
- Repeat & Non-Repeat
- Weld & Valve Control Relays
- 3 Valve Outputs
- Multiple Weld Programming
- Multiple Job Set-Ups
- Easily Programmed
- Program Only the Functions Required

*Exclusive ENTRON two year warranty*

## Advantages

- ***Design Simplicity***

Design simplicity is the key to our ability to manufacture the highest quality weld control, the best delivery, and the lowest service requirements in the industry.

- ***Field Expandable***

ENTRON can provide retrofit controls suitable for any manufacturer's controls, of any age, type or sequence, for field installation.

- ***Vault Door Locking Mechanism***

All cabinet doors equipped with a vault locking mechanism to insure security.

- ***Flexible Applications***

EN1003 controls can be applied to spot welders, seam welders, special machines, or robotic equipment for welding a full range of weldable materials.

- ***Multiple Cabinet Options***

Available in D, T, L and H cabinet styles with front or side-mounted control panels.



D Cabinet



L Cabinet



*Unique to ENTRON. All EN1003 3 Phase DC Controls in L & H Cabinets feature provisions for field installation or change of circuit breakers.*

**ENTRON™**  
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