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
• **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.

**Advantages**

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

Distributed by:

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