Controls for Resistance Welding
EN1721
Single Phase AC Constant Current Controls

Features
- Spot, Pulsation or Seam Sequence
- RS232 Port
- Programmable options: Slope, Pre-Heat, Quench, Temper, Post Heat
- Linked Programs
- External Schedule Select
- Event & Error Outputs
- 64 Programs
- Repeat / Non Repeat
- Isolation Contactor Timer
- Single/Dual Gun
- Programming in phase angle, kA or %
- Measurement Log
- Dual Gun Stepper with Presets and Tip Dress Counter
- 24 VDC flexible I/O (14 in 12 out); some mapable between weld functions, events and simple I/O sequences
- Diverse schedule capabilities provide maximum application versatility
- I/O Sequencer
- 4-20 mA or 0-10 V analog inputs and outputs provided for pressure sensing and control
- Two 0-10V analog inputs (Sequencer)
- Program Select
- Retraction
- Dual-interval Welding Sequence

Options
- Detachable 4 x 20 LCD Program Pendant (RPP1) with data backup
- ENLINK 1721
- Ethernet port
- Primary and Secondary coils
- Program Lockout
- Operation Mode Switch (OMS) – Program Lockout & Weld/No Weld
- Pressure Sensors
- Proportional Valve
- Isolation Contactor
- GFI for portable guns
- Water Flow Switch

Constant Current
- Control adjusts current output every half cycle.
- No setup necessary for constant current operation.
- When optional secondary coil is used, secondary amps are directly displayed.
- High, Low and Pre limits.
- Manual calibration via 2 set points for secondary coil.
- Pop-up current meter to assist programming.
- Auto secondary coil test.
- Results of last weld available immediately.

Exclusive ENTRON two year warranty
TO PROGRAM, YOU WILL NEED:
Program Pendant (RPP1)
Detachable, hand-held pendant accesses all programmable variables and displays current and status.

- OR -
ENLINK 1721
Communication software provides PC interface for remote programming and monitoring of control.

TO MEASURE CURRENT IN AMPS, YOU WILL NEED:
Secondary Rogowski Coils
Available in 3Q, 6Oor 12Odiameters. Provides actual secondary amperage measurements.

- OR -
Coil as part of Weld Transformer.

OPTIONAL:
• Ethernet Card
  Provides ability to network multiple controls using ENLINK 1721.

• Pressure Sense and Control Hardware
  Using provided analog I/O, add differential sensors, single-ended sensors, or 2 Oand 13 Opport proportional controllers.

• GFI for portable guns

Distributed by:

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