Intertron Industries Inc: Model 302A

Model 302A
3 Phase Resistance Welding Controller

FEATURES

- 3 Phase Frequency Converter
- 3 Phase Rectified D.C.
- Spot Weld - Seam Weld - Rollspot Weld
- Fully Programmable 16 Weld Schedules
- Pulsating Heat Control
- Programmable Forge Control
- Intermittent Drive Motor On/Off Control
- 5 Years Memory Retention Without Power
- Scanner Interlock
INTERTRON INDUSTRIES INC: MODEL 302A

PERFORMANCE

- Absolute Repeatability
- Quartz Crystal Accuracy
- Space Age Design and Rugged Construction

SPECIFICATIONS

- INPUT POWER: 200 VAC to 480 VAC 60 Hz
- AC OUTPUT TO VALVES: 115 VAC 150 VA
- Solid State Contactors Available in Ranges from 1200 Amps to 3200 Amps
- Ignitron Firing Module to Fire Ignitrons Size A through E
- Solid State Relay to Operate Squeeze Valve in Spot - Seam - Rollspot Mode
- Solid State Relay to Turn On Motor or Air Brake in Seam or Rollspot Mode
- Emergency Halt Input
- Retraction and Two Stage Foot Switch Input
- Opto Isolation Input/Output to Central Interlock Scanner
- Visual Peripheral Diagnostics
- Remote Control Box Model 325A with the following switches: Repeat, Weld, Tip Dress, Positive - Alternate - Negative Polarity, Seam - Spot - Roll, Next Weld Schedule (quick selection between two weld schedules), Program Lock Key, One of Sixteen Weld Schedule Selector Switch

TIMING FUNCTIONS

<table>
<thead>
<tr>
<th>tip travel time</th>
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<tr>
<td>Parameter</td>
<td>Range</td>
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<td>precompression time</td>
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<td>squeeze time</td>
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<td>forge delay time</td>
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<td>hold time</td>
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<td>off time</td>
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MODEL 325A
REMOTE CONTROL BOX
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- Operating Temperature: 0-50 Degrees Centigrade
- Cabinet Dimensions: 14"h x 14"w x 6"d