Technitron T3415

Single SCR AC Control

Free Format Single Board Based Microprocessor Control

The T3415 series resistance weld control is accurate in measuring and controlling current and time. It is reliable and durable over continuous use, withstanding industrial vibration and electrical noise.

Key Features

- A 16 bit processor operating at 16MHz executing over 4,000,000 instructions per second. This cutting edge technology provides the ability to operate a constant current algorithm that is extremely accurate and stable over a wide range of welding conditions.
- Sequential and PLC logic with 16/16 I/O, capable of running multiple gun systems
- Advanced self diagnostic features (including user definable faults)
- Programming flexibility
- Advanced linear stepper

  Remote programming and monitoring features via the master work station and RoboHOST software
- Network capabilities
- A powerful tool for implementing any quality control strategy
- Advanced capabilities and user friendly data entry panel

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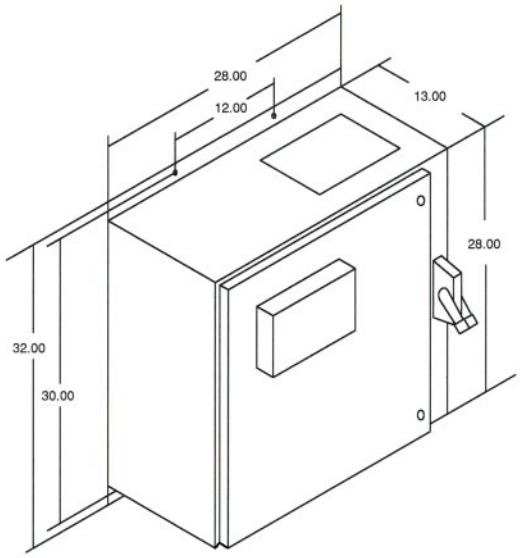
Standard Features

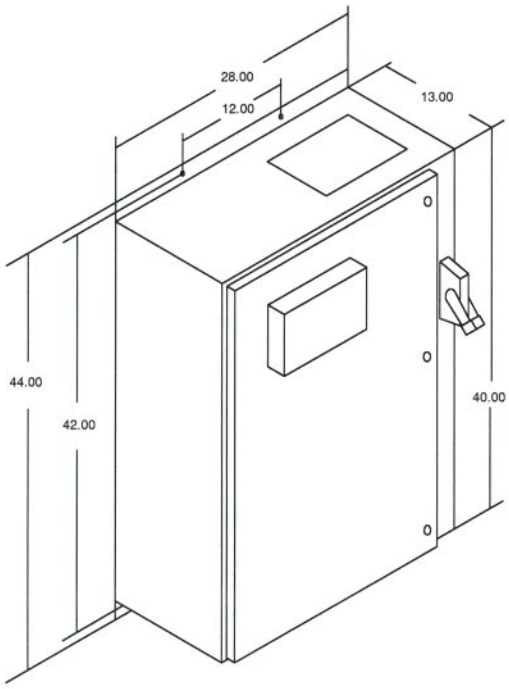
- Constant current control or % or available current
- Automatic Voltage Compensation (AVC) with available current
- Primary or secondary current monitoring and control
- Welding data monitored on ½ cycle basis
- Allen Bradley™ Remote I/O capability
- Robot I/O interface capabilities
- Built in PLC for special welding applications and/or complete control of small welding machines
- 31 available programmable sequences, each with programming space for 99 weld schedules
- Schedules stored in EPROM memory, keeping them safe from dying batteries
- 4 default programs accessible through a Default Library (stored in fixed EPROM area)
- 81 available welding sequence instructions
- 28 faults (8 user defined)
- 15 available linear steppers
- Full network capabilities built in with SPC analysis
- 1-8 bit digital pressure control

Options

- 250/400 Amp, 2 or 3 pole circuit breaker
- Size 4 or 5 isolation contactor
- 100% D.C. SCRs
- 5” or 10” secondary current coil
- RoboHOST software and master workstation
- Additional I/O available
- Remote Data Entry Panel
- Communication via A-BRIO or DeviceNet



“ST” Enclosure



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