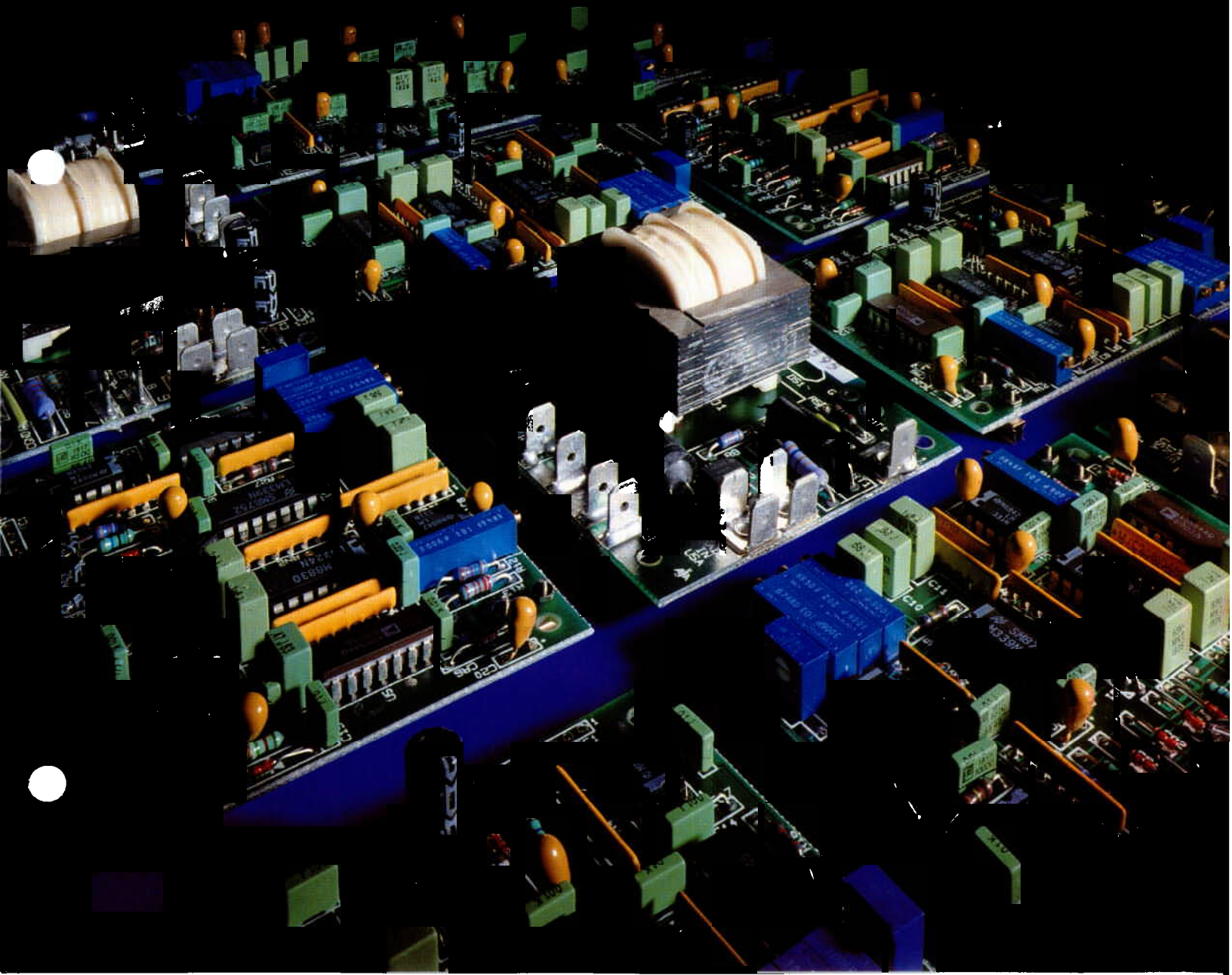

AA ANTUNES CONTROLS

DIVISION OF A.J. ANTUNES & CO.

TEMPERATURE CONTROLLERS AND DISPLAYS



TEMPERATURE CONTROL

A Versatile, Economical Line of Temperature Controllers with a Minimum of Panel Space, and Precise Control.

MODEL TTD

Model TTD is a temperature measuring and indicating device using type "J" or "K" thermocouples for sensing. Featuring a 3 full digit 0.56" LED display, it requires a minimum of panel space. Highly reliable operation for a wide variety of applications is assured by using the latest high quality electronic components.

Capable of displaying +40 to +999 degrees "F".



MODEL TDE

A 1/8 DIN temperature control in an anodized extruded aluminum case, the TDE uses type "J" or "K" thermocouples. The 3 full digit 0.56" LED readout is easily read even from a distance. The TDE is completely electronic providing stable, reliable operation. Screw terminals on the back of the unit are provided for power and thermocouple connections. The TDE has a variety of power input options.



MODEL TTO

The Model TTO is a plug in temperature controller using an octal socket. This versatile controller is available in low limit, high limit, and on/off control modes. Other options include local and remote pot with indicator, manual reset, and factory preset. Outputs available are 10A form "C" contacts or a 3A triac. Type "J" or "K" thermocouples are used. The latest discreet semiconductor and integrated circuits are used to assure a stable, reliable unit. The TTO accepts a wide range of input voltages.



Look To Antunes Controls For Quality Products, Control.

ROLLERS AND DISPLAYS

Controllers and Indicators That Require a
Wide Accurate, Reliable Operation



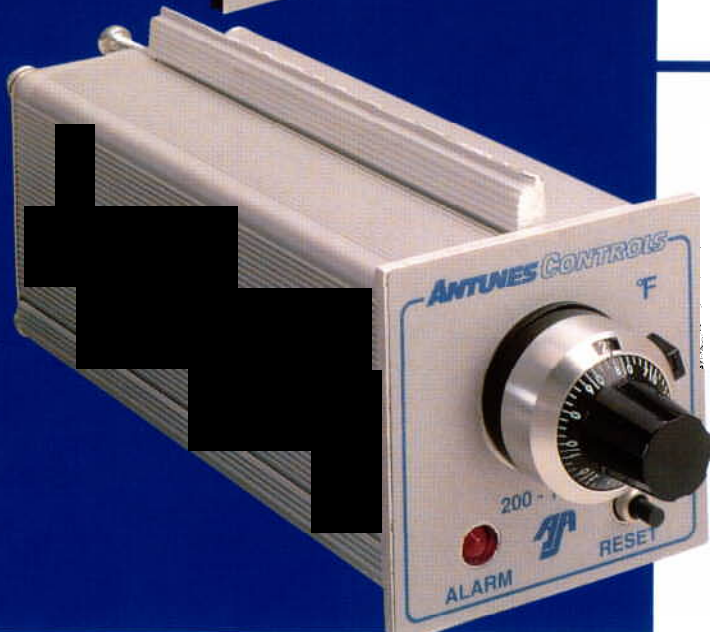
MODEL TTC

The model TTC is a temperature controller and indicator. This indicator is a 3 full digit 0.56" LED display. Completely encapsulated, the unit provides the maximum protection against dust, moisture, shock, and vibration. Output is a form "C" 10A relay contact. All connections are easily made using screw terminals on the back of the unit. The control mode is on/off. Type "J" or "K" type thermocouples are required.



MODEL TCE

A 1/8 DIN temperature controller and indicator in an anodized extruded aluminum case. The TCE provides on/off control with a form "C", 10A relay output. The temperature is displayed on a 3 full digit 0.56" LED readout. Screw terminals on the back of the unit are provided for all connections. Setpoint controls are on the front of the unit. A variety of power input options are available. Type "J" or "K" type thermocouples are used.



MODEL TCS

This 1/16 DIN temperature controller is a compact unit in an anodized extruded aluminum case. The TCS is FM approved High Limit. It can be used with either a type "J" or "K" thermocouple. Output is a relay form "C" 10A contact. A wide range of input power options are available. Control method options are on/off, hi limit or low limit. Setpoint options are: local pot with LED indicator, local pot with LED indicator and manual reset, factory preset—with LED. All solid state design assures a stable, highly reliable, versatile controller.

Competitive Pricing and Excellent Delivery Intervals.

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Custom Design and Manufacture of Electronic Controls

Antunes Controls offers design and manufacture of custom electronic controls. This service includes custom: printed circuit boards, software and control/display panels. Also, existing products can be modified to suit your needs. Use of the latest electronic components, and high quality control standards provide you with quality, reliable electronic controls. Production schedules can be arranged to fit your requirements.

Benefits of Custom Design:
Only desired features are provided, reducing costs. Plug in options, functions, features, reduce costs. Installation is reduced by eliminating wiring and cabling. Generally, space requirements are reduced. Low development charges for agreed upon quantities. High quality electronics and conservative design provide greater reliability. Timely delivery of controls to meet your production requirements.

QUALITY AND SERVICE

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