The 32A Series temperature/process controllers set a new standard in 1/32 DIN power, flexibility and value. This group of controls offers the highest level of features in the most compact industry standard size. Ease of use is assured with the world’s first dual display 1/32 DIN temperature/process controllers. The Series 32A offers universal input (10 thermocouple types, 4 RTD types, voltage and current), single or dual set point, alarm (optional), Fuzzy Logic, Self-Tune, Peak/Valley indication, Percent Output indication and Heater Break protection. Auto/Manual capability and 16 Segment Ramp and Soak with adjustable time base are also offered. Process protection features include open sensor protection, shorted sensor protection, input rate of change protection and loop break protection.

**STANDARD FEATURES**
- Large Dual Display
- Self-Tune
- Fuzzy Logic
- Universal Input
- Loop Break Protection
- Peak/Valley Indication
- Percent Output Indication
- Illuminated Keypad
- 16 Segment Ramp/Soak Function
- Auto/Manual Station Function
- Four Password Protected Security Levels

**SPECIFICATIONS**
- **Selectable Inputs:** Thermocouple, RTD, DC Voltage or DC Current selectable.
- **Display:** Two 4-digit, 7 segment, 0.259 high (6.35 mm) LEDs.
- **Accuracy:** ±0.25% of span, ±1 least significant digit.
- **Supply Voltage:** 100 to 240 VAC, nominal, +10 - 15%, 50 to 400 Hz. single phase; 132 to 240 VDC, nominal, +10 - 20%.
- **Power Consumption:** 5 VA maximum.
- **Operating Temperature:** 14 to 131°F (-10 to 55°C).
- **Memory Backup:** Nonvolatile memory. No batteries required.
- **Control Output Ratings:**
  - **Relay:** SPST, 3A @ 240 VAC resistive; 1.5A @ 240 VAC inductive; Pilot Duty Rating: 250 VA, 2A @ 120 VAC or 1A @ 240 VAC.
  - **Switched Voltage (Non-isolated):** 5 VDC @ 20 mA.
  - **Proportional Current:** 0 to 20 mADC sealable into 600 Ohms max.
- **Weight:** 4 oz (114 g).

**Agency Approvals:** CE, UL E83725.

**Front Panel Rating:** Type 4X (IP66).

**OPTIONS**
- 992, RS 485 Serial Communication
- 9502, 12-24 VDC/VAC Power Input