

BriskONE Single-Zone Digital PID Thermocouple Temperature Controller

Product Highlights

- ✓ Portable, plug-and-play design
- ✓ PID Control
- ✓ Simple four-key user control
- ✓ Operating temperature range: 32 to 1400°F (0 to 760°C)
- ✓ Type J or K thermocouple sensor input
- ✓ For indoor general purpose applications



Front View



Rear View

Specifications:

- Unit size: 7.6"L x 5.0"W x 2.5"H (194mm x 127mm x 64mm)
- Operating range 32 to 1400°F (0 to 760°C)
- Type J or K thermocouple mini connector input*
- Accuracy: $\pm 0.25\%$ of reading ± 1 least significant digit
- Dual display shows set-point and actual process temperature
- Automatic tuning of PID parameters
- Programmable to either °C or °F
- Operating voltage:
 - BRISKONE1: 100-130VAC, 50 to 400hz
 - BRISKONE2: 200-240VAC, 50 to 400hz
- Exposure temperature range: 14 to 122°F (-10 to 50°C)
- Fuzzy logic reduces overshoot on startup
- Heater break protection
- Sensor break protection with average output option to continue process heating
- Auto / manual control ability
- 16 segment ramp/soak
- User programmable alarm types
- Program security lock levels
- Fused output
- 6 foot (1.8m) input power cord
 - 120VAC = NEMA 5-15 plug
 - 240VAC = Bare wire
- Includes mating AMP Mate-N-Lock power connector
- Optional unistrut mounting bracket

*Thermocouple sold separately

Thermocouples:

Type J or K thermocouple 24 AWG fiberglass insulated wire with mini connector.

Type J Part Number	Type K Part Number	Length ft (m)
TAJN05-AA	TAKN05-DA	5 (1.5)
TAJN10-AA	TAKN10-DA	10 (3.0)
TAJN25-AA	TAKN25-DA	25 (7.6)

Accessories:

Part Number	Description
40909-01	Unistrut mounting bracket
PB1201-BR	Converts AMP Mate-N-Lock output receptacle to NEMA 5-15R (120VAC)
PB4201-ER	Converts AMP Mate-N-Lock output receptacle to NEMA 6-15R (240VAC)

Ordering Information:

NEW
OPTIONS

Part Number	Voltage	Amps	Sensor Input
BRISKONE1	100-130VAC	15	Type J
BRISKONE2	200-240VAC	10	Type J
BRISKONE1-K	100-130VAC	15	Type K
BRISKONE2-K	200-240VAC	10	Type K