

(FASTIMER.)[®] EVO Series Models e5 and e6 Single-Parameter Controls



WHY BUY THIS PRODUCT

Cost effective appliance design for manufacture

- Inexpensive and easy to use dial setpoint
- New scales created in software rather than a hardware redesign

Reduced customer support costs

- Onboard diagnostic LEDs enhance field service effectiveness
- Accurate, long life
- Simple offset temperature pot allows in-field adjustments
- 158°F (70°C) ambient temperature rating allows installation in the most demanding applications.
- Dependable SMT devices require no recalibration

Additional Value Provided to Your Foodservice Customers

- Tab selectable supply voltage — stores stock fewer SKUs
- Duty cycle option — user controls temperature rate increase
- Mounting footprint compatible with popular mechanical thermostats

Innovatively Differentiate Your Products from the Competition

- Non-mechanical temperature control accuracy
- Small footprint takes up less space

Product Features

- Configurable for on/off, melt cycle, or special proportioning needs
- Local or remote temperature adjustment [e5 configured for thermistor sensors; e6 configured for RTD sensors]
- Self-thread screws are more secure than machine screws
- Temperature offset
- Diagnostic LEDs
- Duty cycle options
- RoHS compliance reduces hazardous substances and meets all domestic and international standards

Low cost, long life precise microprocessor based temperature control.

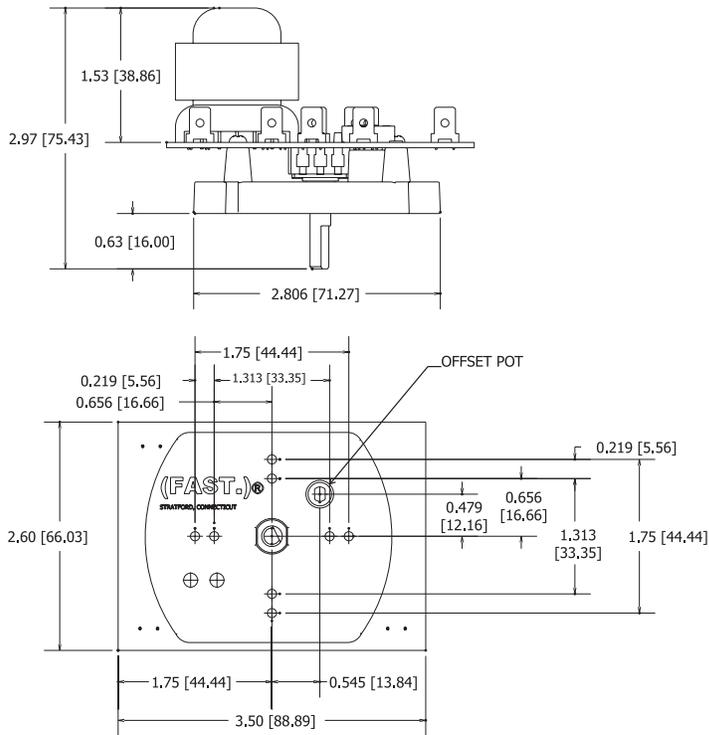
Popular Appliance Applications

- Economy Fryers and Ovens
- Holding Cabinets
- Proofers
- Grills
- Griddles
- Rethermalizers
- Toasters
- Plus Other Applications

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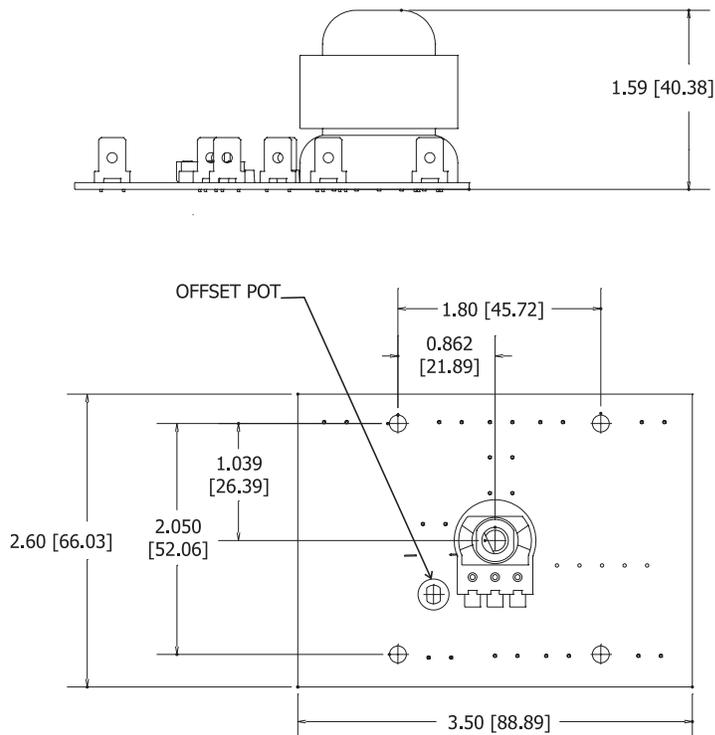
Single-Parameter Controls

BRACKET MOUNT



DIMENSIONS ARE SHOWN IN INCHES AND MILLIMETERS

OPEN MOUNT



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SPECIFICATIONS

- Input Voltage: Frequency: 24, 100, 120, 208, 240VAC; 50/60 HZ; 0.250 inch tab selectable
- Power Consumption: Less than 1.4VA
- Temp Probe (Analog) Inputs: Single Input
 - e5: Thermistor (30K, 91K, 100K Ohm, Factory Programmable)
 - e6: 1K Ohm RTD
- Outputs / Type, One or the Other: 24-240VAC @ 10 A SPST relay, Life - 100,000 Cycles OR 24-265VAC @100 ma Triac
- Temp Control Range: Preprogrammed from 60-660°F (15.5-348.8°C)
- Temp. Offset: +/- 20°F (-6.6°C) (Onboard Pot)
- Temperature Control Type: ON/OFF
- Hysteresis: -3° to 0°F (-19.4 to -17.7°C)
- Temperature Accuracy: 3% of Range
- User Interface: Setpoint Adjustment Pot
- Diagnostics: (2) Tri color Diagnostic LEDs on back of board
- Noise Spike Protection: 4000 volt minimum (on timers and all properly installed controls)
- Environmental Operating Conditions: Ambient 158°F/70°C, 95% non-condensing humidity

SHIPPING WEIGHT

- Each unit weights approx. 1/2 lb. (0.22 Kg) (standard package quantities are 24 or 48, depending on mounting style)

MOUNTING OPTIONS

- Bracket mounted or Open board mounts on standoffs. Note: Bracket requires use of FAST part no. 150-10218 screws. (#6 x 3/8" Phillips Pan Head self-tap machine screws, stainless steel)

ORDER INFO

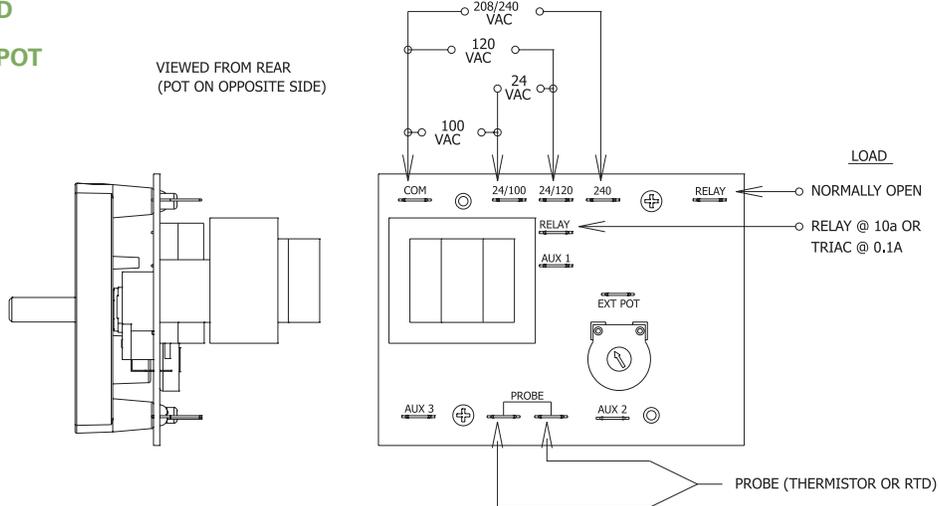
Part Number	Description	Case Qty
E5AA00B301	e5 with pot/ bracket range 150-375°F	24
E5AA00B303	e5 with pot/ bracket range 1 50-550°F	24

Consult Factory for other ranges.

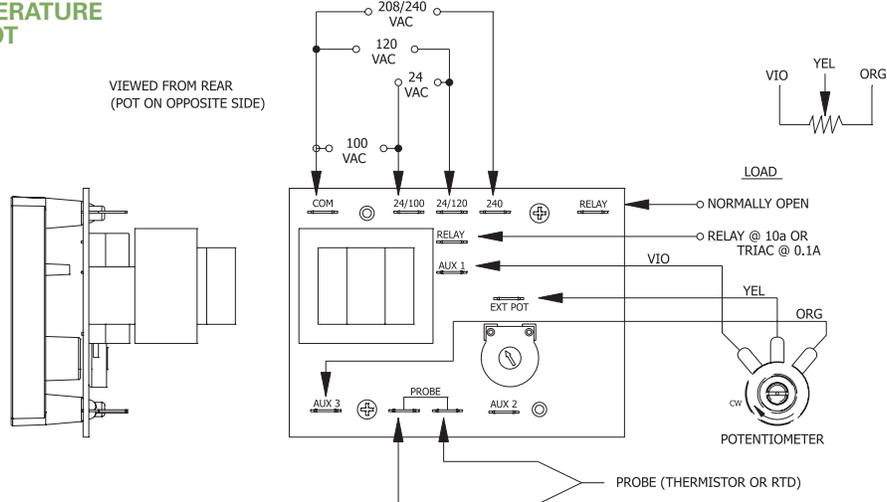
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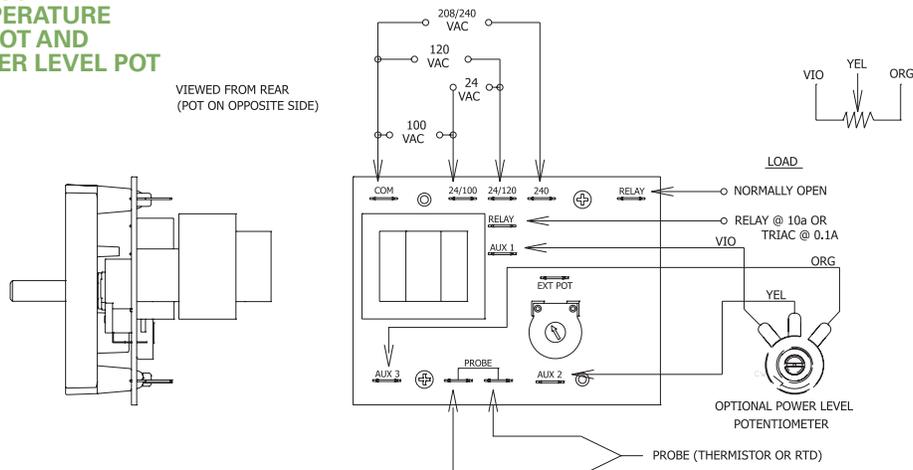
DIGITAL E5/E6 ASSEMBLY WITH ONBOARD TEMPERATURE ADJUSTMENT POT



DIGITAL E5/E6 ASSEMBLY WITH EXTERNAL TEMPERATURE ADJUSTMENT POT



DIGITAL E5/E6 ASSEMBLY WITH ONBOARD TEMPERATURE ADJUSTMENT POT AND OPTIONAL POWER LEVEL POT



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Single-Parameter Controls

Want to learn more about Kitchen Brains™ products?

Visit our website to learn about additional controls for our appliance partners:
www.KitchenBrains.com



KITCHEN BRAINS

Driven by **(FAST.)** Networked by **SCK**

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Family Applications

Air Boilers	Bain Marie	Beverage Dispensing
Broilers	Buffets	Cheese Melters
Coffee Dispensing	Dishwashers	Drawer Warmers
Freezers	Fryers	Grills/Griddles
Holding Cabinets	Ice Machines	Jacketed Steam Kettles
Laundry Equipment	Marinators	Ovens (Combi, Micro...)
Pasta Cookers	Product Mixers	Proofers
Refrigerators	Rethermalizers	Smokers
Steam Tables	Toasters	...and Others

If you ordered this before...	Order this part number now
G524000319	E5AA00A319
G524000323	E5AA00A223
G524000324	E5AA00A224
G524000330	E5AA00A230
G524000332	E5AA00A232
G524006307	E5AA00B307
G524007301	E5AA00B301
G524007303	E5AA00B303
G524007317	E5AA00B317
G524007330	E5AA00B330
G525000236	E5AA00A236
G525007315	E5AA00B315
G525007319	E5BA00B319
G525007336	E5AA00B336
G525007341	E5AA00B341
G534008215	NONE
G534008301	SIMILAR TO E5AA00B341
G534008328	NONE
G534008339	NONE
G534008340	NONE
G534008342	NONE
G624000202	E6AA00A202
G624007205	E6AA00B205
G624007207	E6AA00B207
G624007302	E6AA00B302
G624007305	E6AA00B305

WARRANTY

Kitchen Brains warrants all new timers, computers, and controllers for 1 year from the date of purchase including computers, controllers, and timers. Kitchen Brains warrants all other items for a period of 90 days unless otherwise stated at the time of purchase.

PATENTS

The products manufactured by Kitchen Brains are protected under one or more of the following U.S. Patents:

5,331,575	5,539,671	5,711,606	5,723,846
5,726,424	5,875,430	6,142,666	6,339,930
6,401,467	6,581,391	7,015,433	7,650,833
7,877,291	8,060,408		

Plus foreign patents and patents pending. Plus licensed patent 5,973,297

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