

ZAC-3 and ZAC-6

Multi-Parameter Controls

Zone Appliance Controls

WHY BUY THIS PRODUCT

Cost effective appliance design for manufacture

- Easy software reconfiguration for a variety of appliance platforms and applications
- Reduced SKUs across multiple appliances from a multi-configurable control
- Flex-design supports many multi-zone heating applications
- Match display and controller boards allows flexible mounting options

Reduced customer support costs

- Remote user interface reduces cost of ownership when field replacements are required
- Electronic precision and durability eliminates need for recalibration
- Adaptability and serviceability enabled by using (FAST.Edit)[®] software configuration tool

Additional Value Provided to Your Foodservice Customers

- Large, easy-to-read display viewable “across-the-kitchen”
- Thin profile accommodates tight spaces
- Solid-State digital control with large display guarantees safe temperatures and insures safety

Innovatively Differentiate Your Products from the Competition

- Optional communications allows connectivity for HACCP reporting and to today’s automated kitchen systems

Product Features

- Display and keyboard mounted remotely from controller board
- Adjustable temperature control range: 20–400°F (-6.6–204.4°C)
- Each zone programmable for temperature, set-point and high/low temperature alarms
- 4-character, 7-segment LED display, 4 pushbuttons and 2 status lights on control board
- Audible and visual sensor failure alarms with 20 minute audible reminder
- RoHS compliance reduces hazardous substances and meets all domestic and international standards

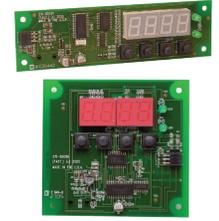
3-ZONE CONTROL



6-ZONE CONTROL



CHOICE OF REMOTE DISPLAY BOARDS



Reliable and precise general purpose electronic controller for controlling and monitoring up to 3 or 6 appliance temperature zones, respectively.

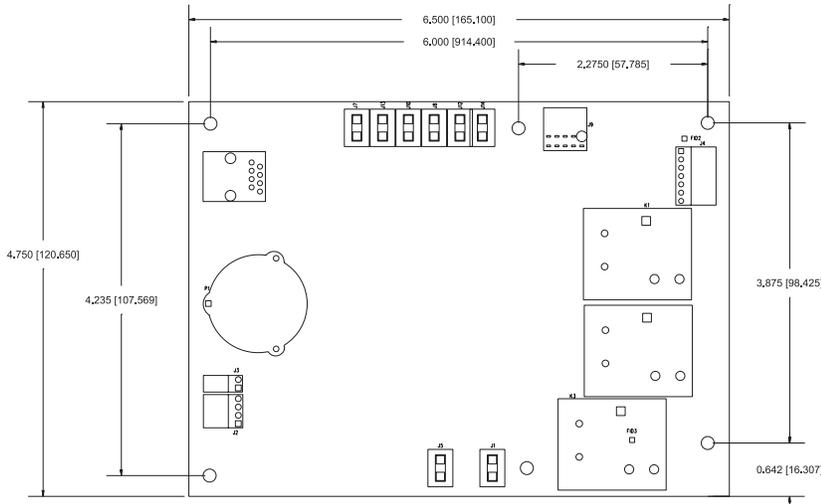
Popular Appliance Applications

- Holding Cabinets
- Drywell Controllers
- Wet Wells
- Display Cases
- Merchandisers
- Prep Tables
- Plus Other Applications

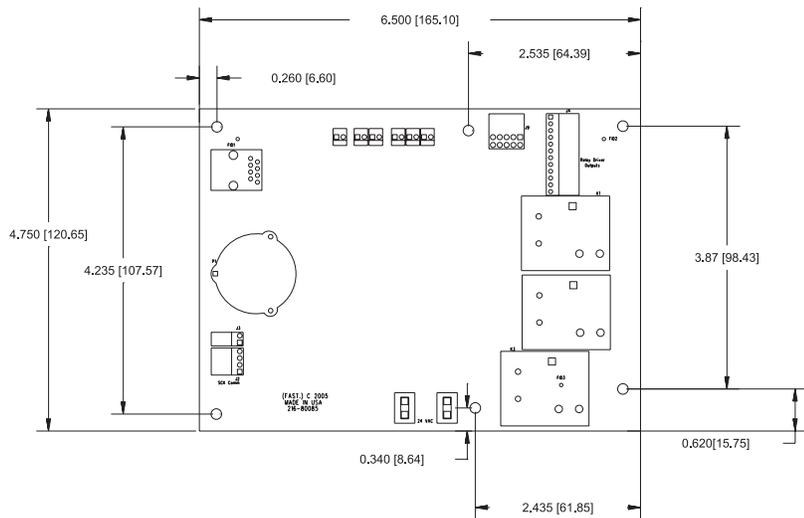
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ZAC-3



ZAC-6



DIMENSIONS ARE SHOWN IN INCHES AND MILLIMETERS

SPECIFICATIONS

- Input Voltage: 24VAC +/-10%; 50/60 HZ; 0.250 inch Tabs
- Power Consumption: 25VA
- Temp. Probe (Analog) Inputs:
 - ZAC 3: (3) 1K RTD or 100K Thermistor
 - ZAC 6: (6) 1K RTD or 10K/100K Therm.
- Outputs /Type:
 - ZAC 3: (3) 30 Amp relay (SPDT) outputs, Life 100,000 Cycles
 - ZAC 6: (6) 24VDC Relay Driver Outputs
- Audible Output Devices: Piezo 95dB at 5 feet (1.5 meters)
- Temperature Control Range: 32°F-550°F (0-287.7°C)
- Temp Offset: +/- 20°F (-6.6°C)
- Temperature Control Type: ON/OFF
- Hysteresis: -3°F to 0°F (-19.4 to -17.7°C)
- Temperature Accuracy: +/-2° F or C
- Visual Displays:
 - (4) 7-Segment (Red or Green) LED displays
 - (2) (Red or Green) single LEDs
- Programming Keys: Pushbutton Keys (4) Program, Up Arrow, Down Arrow
- Keys Rated for 10 million cycles
- 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

- Approx. 1 lb. (0.45 Kg)

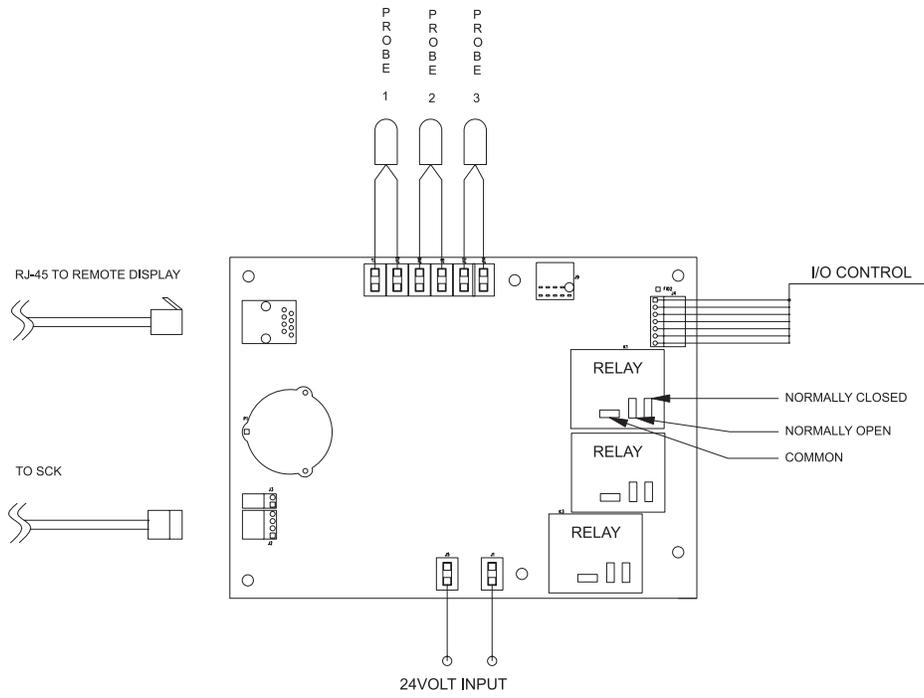
ORDER INFO

Part Number	Description	Case Qty
Consult		
Factory		

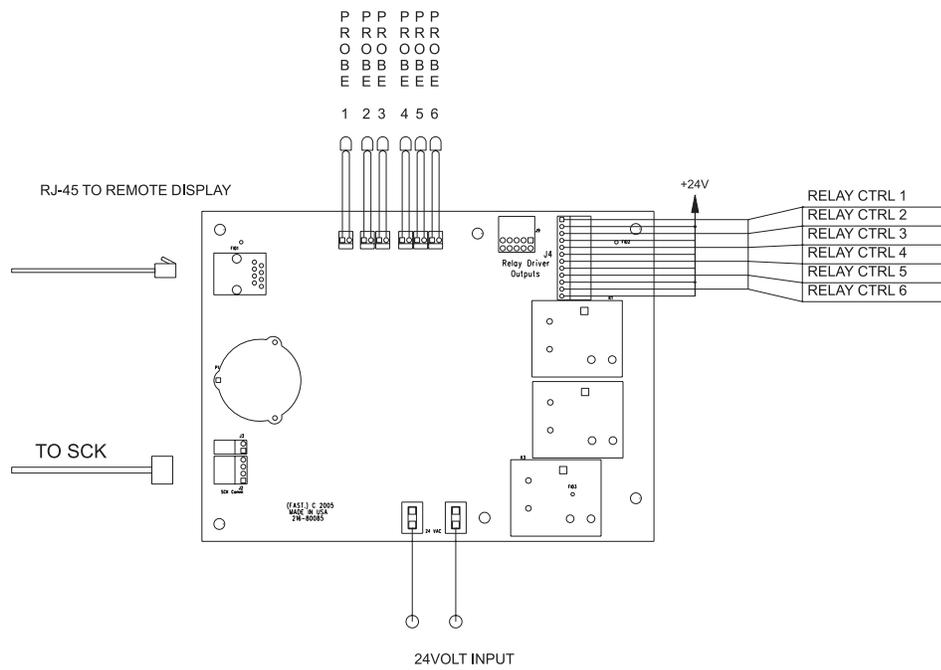
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ZAC-3



ZAC-6



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Want to learn more about Kitchen Brains™ products?

Visit our website to learn about additional controls for our appliance partners:

www.KitchenBrains.com



*when used with a gateway



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229-51354



KITCHEN BRAINS

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

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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

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	Rethernalizers	Smokers
Steam Tables	Toasters	...and Others

What They Do: One integrated solution for a variety of applications. These devices precisely track cook and hold time, maintain appliance temperature within a specified range that minimizes overshoot, and can be configured with many unique feature sets. The result is improved and repeatable food quality with increased yield, and safety that meets HACCP guidelines.

Position Within Kitchen Brains™ Product Line: Mid-range price/performance solutions that are smarter due to application specific features.

Feature Highlights:

- Highly configurable and easy to use
- Versatile recipe programming
- Multiple, configurable outputs coordinated with timing functions
- A wide variety of features such as:
 - Flex and straight time cooking for improved food quality
 - Setback mode for energy conservation
 - Cycle counts and other diagnostics
 - Appliance efficiency test for optimal performance
 - Communications link to today's automated kitchens
 - And more