

MAC-813

Multi-Process 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
- Reduces labor at assembly by removing point-to-point wiring
- Allows complex multi-function operations to be accomplished automatically

Reduced customer support costs

- Adaptability and serviceability enabled by using (FAST.Edit)[®] software configuration tool
- Durable solid-state design provides longer life than antiquated mechanical controls
- Advanced diagnostics enhance appliance troubleshooting

Additional Value Provided to Your Foodservice Customers

- Enhanced food quality, taste, appearance, and consistency for complex applications where ease of use becomes paramount

Innovatively Differentiate Your Products from the Competition

- Extensive list of optional software features
- Simple to use interface and large LCD display delivers intuitive messaging and eliminates crew errors
- Adaptability allows use across multiple appliances reducing crew training
- Optional communications allows connectivity for HACCP reporting and to today's automated kitchen systems

Product Features

- Save energy dollars and prolong appliance life with exclusive Kitchen Brains[™] features such as Setback, SMS (Service Maintenance Scheduling), auto repair, and more
- Multiple appliance configurations and tuning parameters software selectable
- Programmable duty cycle flexibility to monitor and manage multiple processes:
 - Time, temperature, motor control, dampers, circulating pumps, solenoids, actuators, clean mode, detergent dispensing, plus many more
- Flexible design allows a wide range of feature selection including Kitchen Brains[™] patented Setback, (FAST.Flex)[™] time, comprehensive diagnostics and communications
- On-board variable frequency output for motor control (PWM)
- Multi-character LCD Display eases operation and supports multiple languages
- Triac outputs for applications that demand long switch life and operations in demanding environments
- RoHS compliance reduces hazardous substances and meets all domestic and international standards

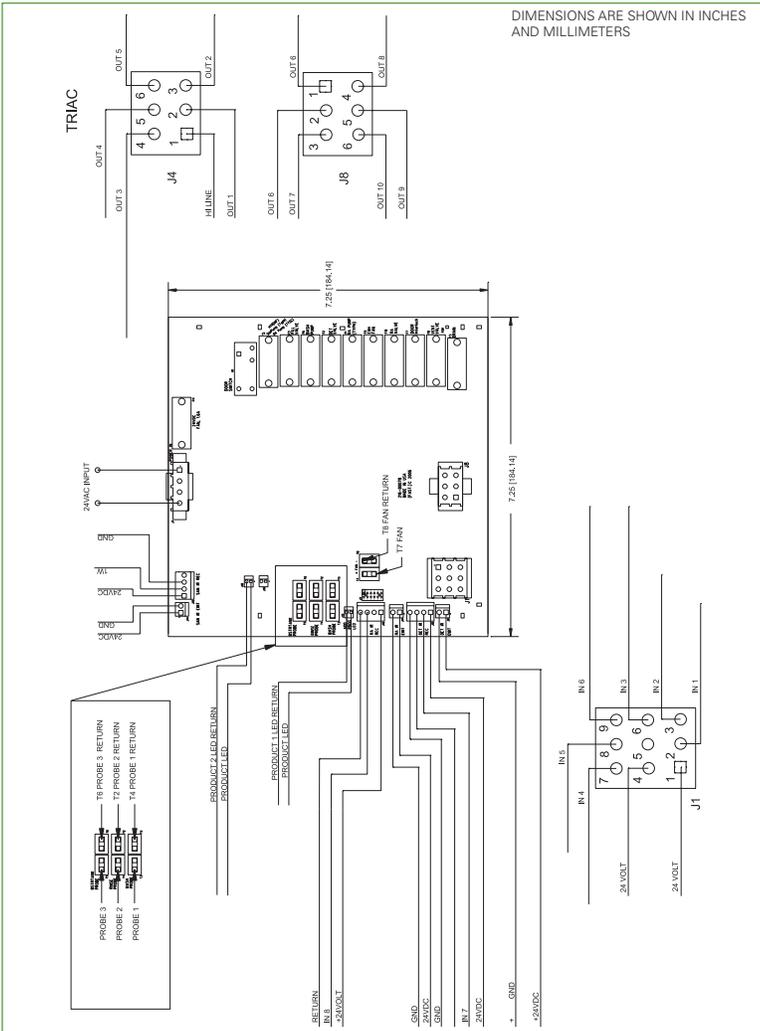
Reliable and precise multi-process controller with extensive input/output capabilities to meet your most complex requirements. Delivers longer life in extremely demanding environments.

Popular Appliance Applications

- Automated Product Dispensing and Packaging
- Post Mix Dispensing Equipment
- Grills
- Broilers
- Fryers / Ovens
- Microwave Ovens
- Combi Ovens
- Conveyor Ovens
- Waste Disposal / Pulpers
- Laundry
- Plus Other Applications

MAC-813

Multi-Process Controls



SPECIFICATIONS

- Input Voltage: 24 VAC (+/-10%) 50/60HZ or 24 VDC (+/-10%)
- Power Consumption: 40 VA
- Inputs
 - Probes: (3) 10K thermistor
 - Digital Inputs: (5) Optically Isolated 24VDC Digital Inputs - Dry Contact Switch Closure
- Outputs:
 - (10) Triac Outputs ; 264VAC Max Voltage, 250mA continuous Current (per load), 1 Amp max inrush current with over current protection, 1.6 Amp Fused
 - (1) PWM
 - (2) 24VDC Relay Drivers
- Audible Output Device: Piezo
- Temperature Control Range: 40-560°F (4.4-288°C)
- Temperature Control Type: ON/OFF
- Temperature Accuracy: +/- 5° F or C
- Temperature Display Range: 32-560°F (0-293.3°C)
- Visual Display: LCD
- Optional Keypad: (16) Button Membrane Keypad. All keys rated for 5 million cycles.
- Noise Spike Protection: 4000 Volt minimum (on timers and all properly installed controls)
- Environmental Operating Conditions: Ambient 40-157°F/4-70°C, 95% non-condensing humidity

SHIPPING WEIGHT

- Approx. 1 lbs. (0.45 Kg)

ORDER INFO

Part Number	Description	Case Qty
Consult Factory		



KITCHEN BRAINS

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

Food Automation - Service Techniques, Inc.
905 Honeyspot Road, Stratford, CT 06615-7147 USA

Phone: +1-203-377-4414

Sales: **1-800-FASTRON**

Fax: +1-203-377-8187

International Callers: +1-203-378-6860

www.KitchenBrains.com

Toll-free technical support 24/7 from the U.S., Canada, and Caribbean: **1-800-243-9271**



SCK Link® is a registered trademark of Technology Licensing Corporation and use is subject to the appropriate license agreement.



229-51355

International offices are located in the United Kingdom, China and Singapore:

Europe, Middle East, Africa, South Asia
31 Saffron Court Southfields Business Park
Basilidon, Essex SS15 6SS ENGLAND
Phone: +44 0 1268544000

Asia Pacific
1803, 18F, No 922 Hengshan Rd
Shanghai 200030, CHINA
Phone: +8613916 854 613

15-101, Block 290G, Bukit Batok St. 24
SINGAPORE 65629
Phone: +65 98315927

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