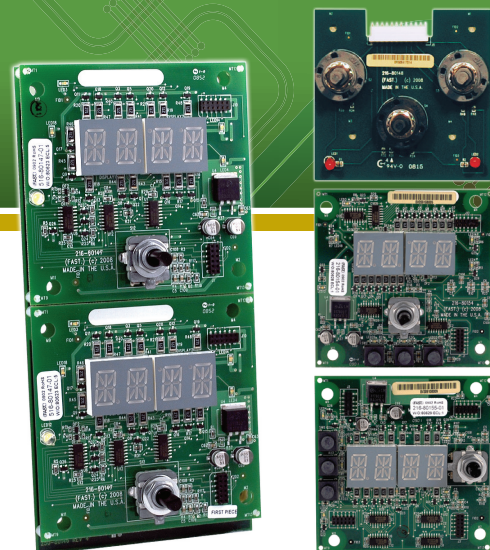


RSS-212 Rotary Switch Selector

Multi-Parameter 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 LED 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

- Application versatility through plug-in display models that mount horizontally or vertically
- Save energy dollars and prolong appliance life with exclusive Kitchen Brains[™] features such as Setback, SMS (Service Maintenance Scheduling), auto repair, and more
- Multiple software selectable configurations and appliance control parameters
- Programmable duty cycle flexibility to monitor and manage multiple processes such as 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
- Multi-character LED Display eases operation and supports multiple languages
- RoHS compliance reduces hazardous substances and meets all domestic and international standards

User interface board companion to smart interface I/O controllers within the (FAST.Connect)[™] Family. Interchangeable (FAST.Connect)[™] Architecture enables integrating a user interface board with the correct I/O board companion.

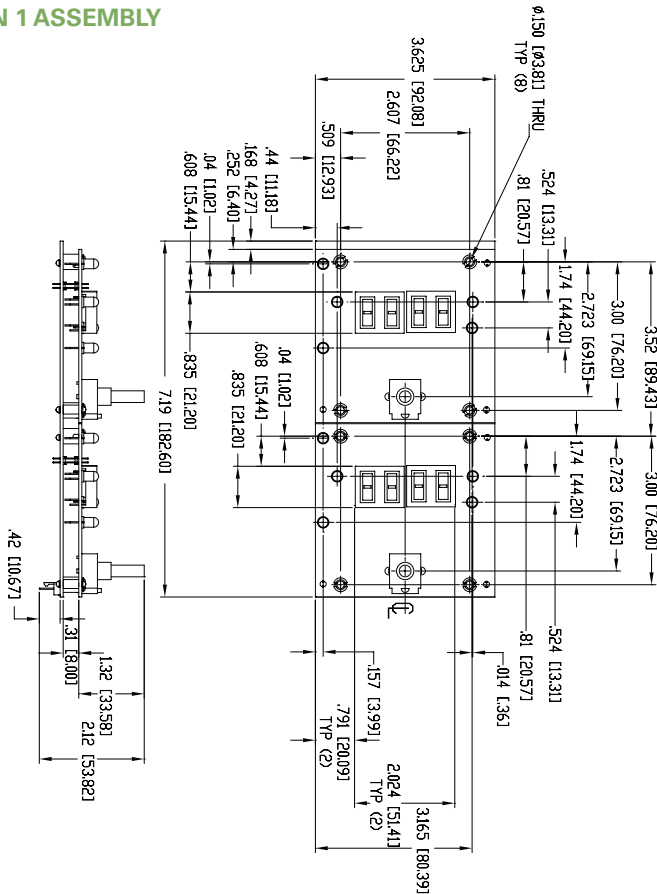
Popular Appliance Applications

- Broilers
- Conveyor Ovens
- Fryers
- Grills
- Holding Cabinets
- Microwave/Combi/Convection Ovens
- Post Mix
- Waste Disposal / Pulpers
- Plus Other Applications

RSS-212 Rotary Switch Selector

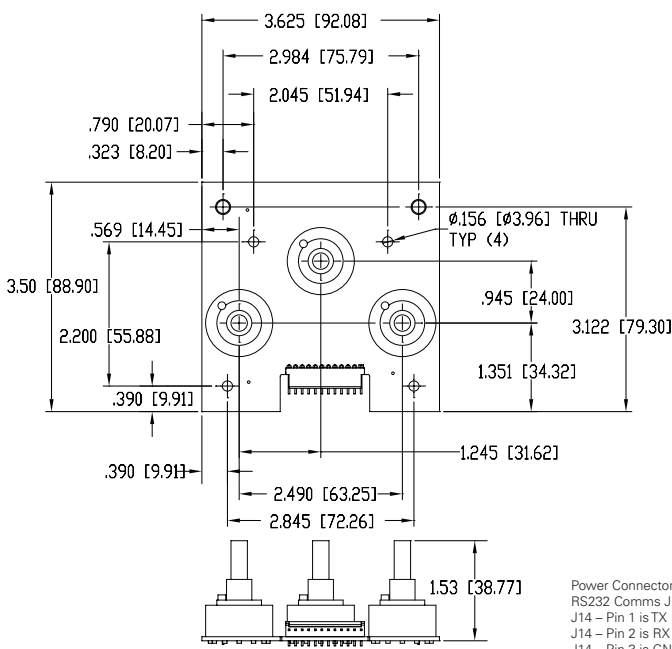
Multi-Parameter Controls

OPTION 1 ASSEMBLY



DIMENSIONS ARE SHOWN IN INCHES AND MILLIMETERS

ROTARY SELECTOR SWITCH



DIMENSIONS ARE SHOWN IN INCHES AND MILLIMETERS

Power Connector J7 Pins 1 and 3.
RS232 Comms J14
J14 - Pin 1 is TX
J14 - Pin 2 is RX
J14 - Pin 3 is GND

SPECIFICATIONS

- Input Voltage: 24VAC
- Power Consumption: Not to Exceed 40VA
- Temperature Probe Inputs: Up to 4 Thermistor/RTD, 1 Humidity.
- Inputs: Up to 5 Analog; 6 Digital
- Outputs/Type: Up to (7) Relay Drivers, 24VDC
- Audible Output Device(s): Piezo Loudness (dB@3ft): 75 db
- Temperature Control: 32°F–550°F (0°C–287.7°C)
- Temperature Offset: +/- 50 degrees (typically)
- Temperature Control Type: On/Off; SMARTSTAT
- Hysteresis: 0-10 (typically)
- Temperature Accuracy: +/- 2 degrees
- Temperature Mode: Fahrenheit and Celsius
- Visual Displays: 14 segment LED
- Description: (2) 4-character displays separated by a colon
- LED Life Rating: 50,000 hours
- Multiple user interface display board options available.
- Horizontal or Vertical configurable
- Keys (type and function): System and Programming
- Key Cycle Rating: 1 million cycles
- Daughter Boards: SIB-2020 or SIB-810
- Display Range Time: 0-99:59
- Time Display: MM:SS;HH:MM
- 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
- Consult factory for conformal coat options
- Other Product Specification(s) not listed above: SD Card Capabilities
- Other: Designed to function with (FAST.Connect)™ to SIB boards

SHIPPING WEIGHT

- 216-80148-01: 6 lbs
- 231-60252-XX: 12 lbs
- 221-50375-01: 1 lbs
- 213-50294-12: 4 lbs

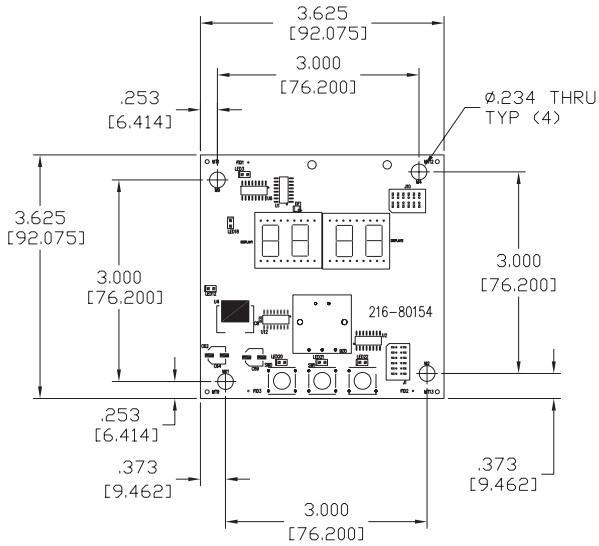
ORDER INFO

Part Number	Description	Case Qty
216-80148-01	RSS-212 Rotary Switch Board	20
231-60252-XX	RSS-212 Control	10
221-50375-01	RSS-212 Harness	20
213-50294-12	Temp. POT Assembly	20

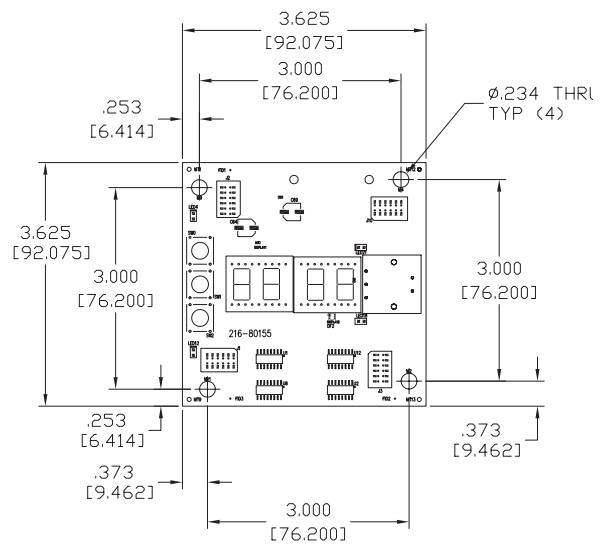
RSS-212 Rotary Switch Selector

Multi-Parameter Controls

OPTION 2 DISPLAY

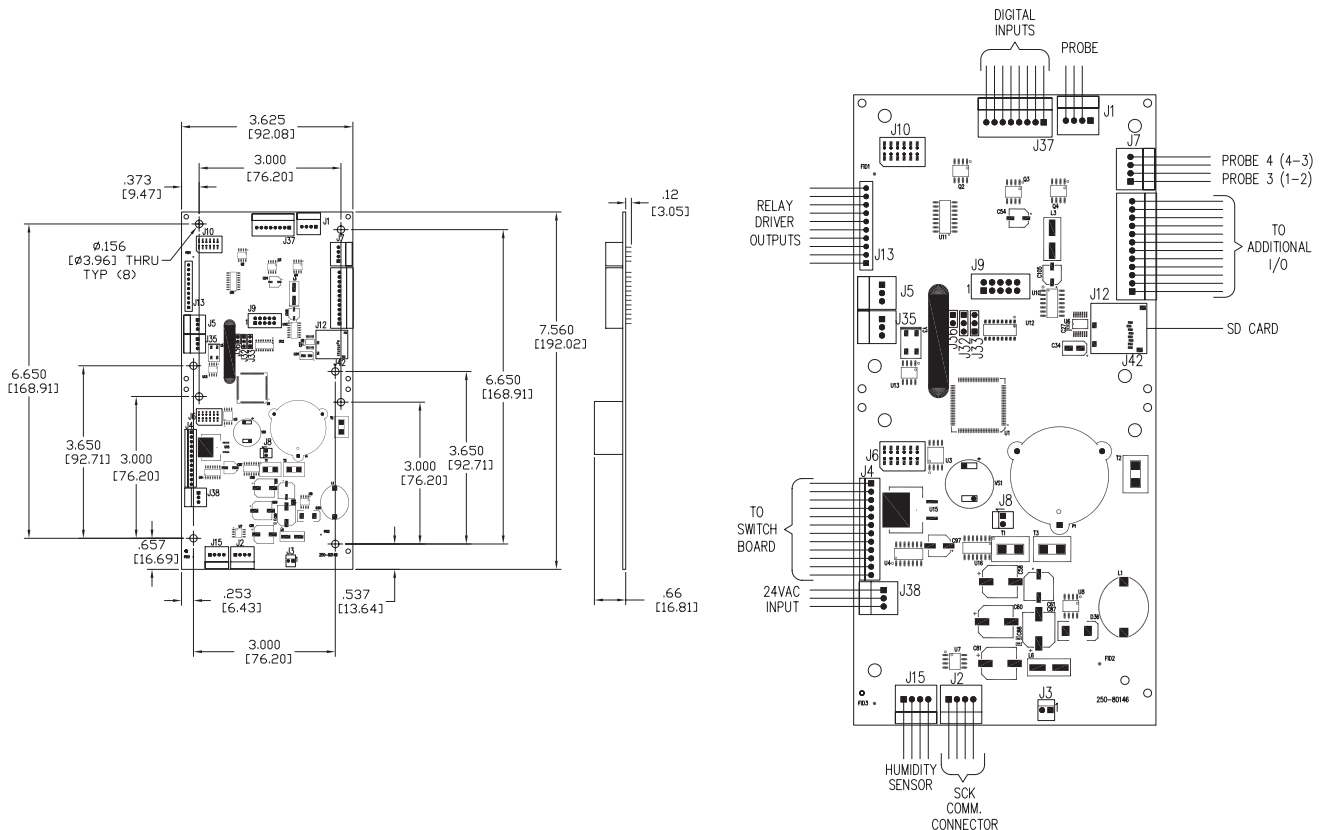


OPTION 3 DISPLAY



DIMENSIONS ARE SHOWN IN INCHES AND MILLIMETERS

INTERFACE BOARD EXAMPLE



DIMENSIONS ARE SHOWN IN INCHES AND MILLIMETERS

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RSS-212 Rotary Switch Selector

Multi-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



229-51401



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**

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

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	Rethemalizers	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