

## RSS-212 Rotary Switch Selector

### INTUITIVE CONTROL FOR ENHANCED PERFORMANCE

The RSS-212 Rotary Switch Selector is a user-friendly and versatile control solution designed to enhance the performance and value of foodservice equipment. This innovative platform seamlessly integrates with smart interface I/O controllers, offering a flexible and customizable solution for a wide range of applications. The RSS-212's intuitive rotary switch interface and advanced features empower OEMs to deliver enhanced value and maintain competitive advantage in the marketplace.

**Reduced Development & Manufacturing Costs:** Streamline development with this pre-engineered and customizable control platform while reducing SKU count, labor costs with simplified plug-in installation, and inventory efficiencies.

**Enhanced Product Differentiation:** Differentiate appliances with a user-friendly and intuitive interface that enhances the user experience.

**Improved Customer Satisfaction & Brand Loyalty:** Improve customer satisfaction with easy-to-use controls that simplify kitchen operations and minimize training requirements.

**Reduced Support Costs:** Durable solid-state design minimizes service calls and downtime.



## Features & Benefits

### Versatility

- Application versatility through plug-in display models that mount horizontally or vertically.
- Multiple software selectable configurations and appliance control parameters.
- Programmable duty cycle flexibility to monitor and manage multiple processes: time, temperature, motor control, dampers, circulating pumps, solenoids, actuators, clean mode, detergent dispensing, and more.

### User-Friendly

- Intuitive rotary switch interface with easy-to-read displays.
- Multi-character LED display supports multiple languages.

### Advanced Functionality

- (FAST.Flex)™ technology enables flexible configuration and customization to meet specific application requirements.
- Exclusive features such as Setback, SMS (Service Maintenance Scheduling), and auto-repair alarms reduce energy costs and prolong appliance life.

### Manufacturing & Inventory Efficiency

- Streamlines development via pre-engineered and customizable control platform.
- Reduces manufacturing time and labor by eliminating point-to-point wiring.
- Reduces SKU count and inventory costs through a compact design.

### Performance & Reliability

- Durable solid-state design provides long-term reliability and minimizes downtime.
- Comprehensive diagnostics facilitate troubleshooting and minimize downtime.

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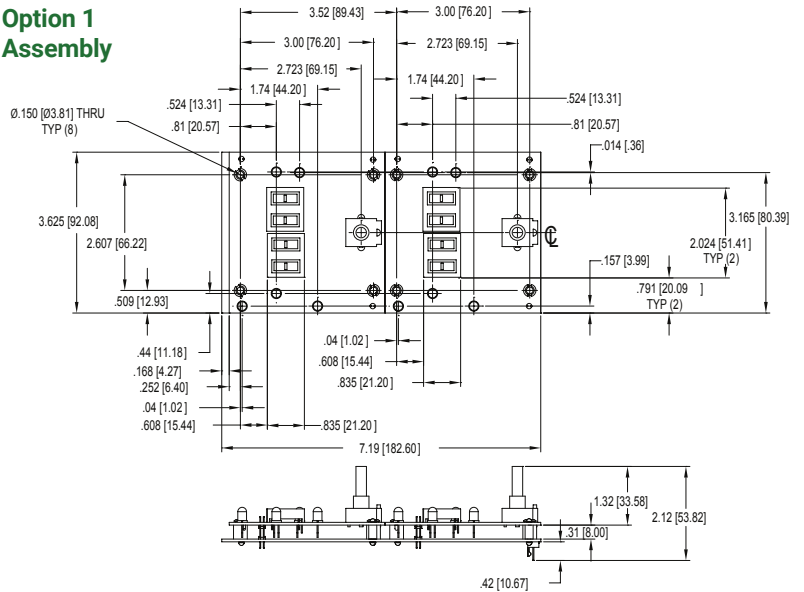
## Specifications

- 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% noncondensing humidity
- Consult factory for conformal coat options
- SD Card capabilities
- Designed to function with (FAST.Connect)™ to SIB boards

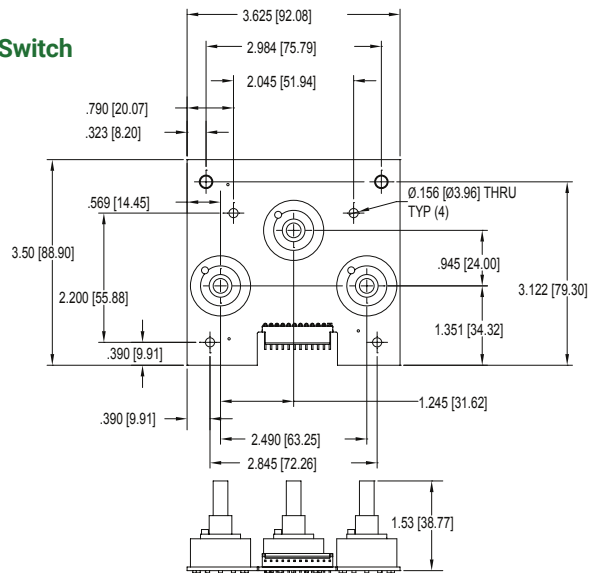
### Shipping Weight

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

### Option 1 Assembly



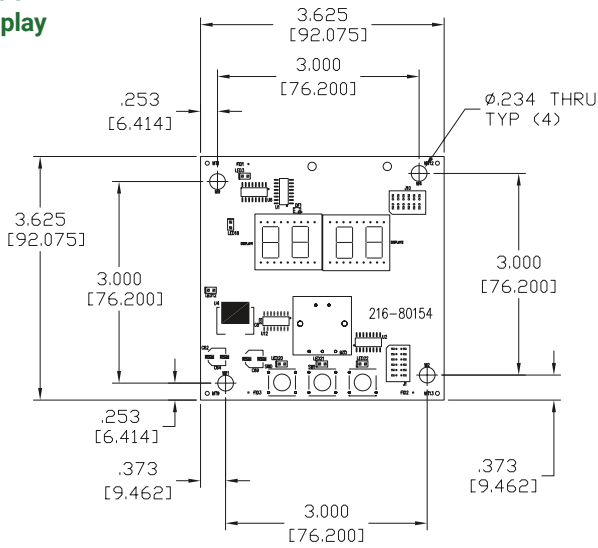
### Rotary Selector Switch



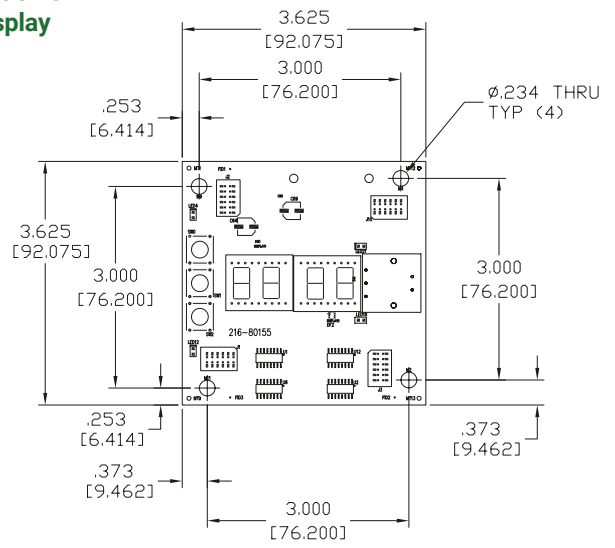
## Order Info

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

## Option 2 Display



## Option 3 Display



## Interface Board Example

