



Universal Deactivation Controller

The Sensormatic Universal Deactivation Controller provides the power to efficiently operate compatible EAS deactivation antennas within the store environment, deactivating active AM EAS anti-theft security labels at 2.5 labels per second. Regardless of label orientation, this controller offers fast, accurate checkout service even in high-traffic, high-volume retail locations to help drive revenue while enhancing shopper throughput. Providing the power to drive two deactivation antennas, this controller allows each to independently detect and deactivate AM EAS security labels. Additionally, this controller complies with international safety requirements to ensure global safety and quality standards are met.

Retailer Values

- // Fast deactivation rates expedite checkout for increased customer satisfaction and employee efficiency
- // Compact design and internal power supply allow flexible installation options including vertical, surface, and under-counter for maximum use of space

// EAS connectivity option allows generation of operational information to help quickly identify and correct performance issues

// Status LED lights show "power on," communication activity, and basic diagnostics to help reduce service calls

// Cable management helps prevent accidental unplugging and unintended increases in "nuisance" alarms

Product Code

ZBAMB9010-IPS

Product Compatibility

Sensormatic Integrated Label Deactivators

Sensormatic Countertop/Recessed Deactivators

ZPSTP-RA

Remote Alarm Module

Specifications

- Width** 26.2cm (10.3in)
- Height** 10.1cm (4in)
- Depth** 22.1cm (8.7in)
- Weight** 2.5kg (5.5lbs)
- Power Cord Length** 18.3m (6ft)

Electrical

Primary Input

100-120/200-240Vac 50/60Hz (±5%)

AC Line Current

1Arms max.

Scanner Port

Maximum Input Voltage..... +25Vdc (±5%)

Input 1+ and Input 2+

Input Voltage..... ±5-12Vdc typical greater than 12V observing the 32mA maximum

Input Current 10mA Source Minimum

Minimum Pulse Duration..... 100ms

Detect Out..... Open-Collector Side of an opto-isolator

Maximum Pull-Up Voltage..... +25Vdc

This output remains in the open state until label detection occurs. It then shorts to the Detect Common for a minimum of 39ms based on label vicinity to the antenna plus 7 detection windows (5.555 x 7 = 39mS).

Detect common..... Emitter side of the Detect Out opto-isolator. It normally should be tied to D Ground (J8, Pin 6).

Maximum current limit: 6.3mA @

Vce < 10V 2mA @ Vce < 0.4V

Environmental Constraints

Operating Frequency

58kHz (+200Hz)

Operating Temperature

0°C to 40°C (32°F to 104°F)

Non-Operating Temperature

-40°C to 70°C (-40°F to 158°F)

Relative Humidity

0 to 90%, non-condensing

Declarations

EMC

47 CFR, Part 15

EN300 330-2

EN301 489

EN 55022

EN 55024

ICES-003

RSS-210

Safety (second edition)

UL 60950-1

CSA C22.2.60950-1

EN 60950-1

Environmental Rating

IPX0

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.