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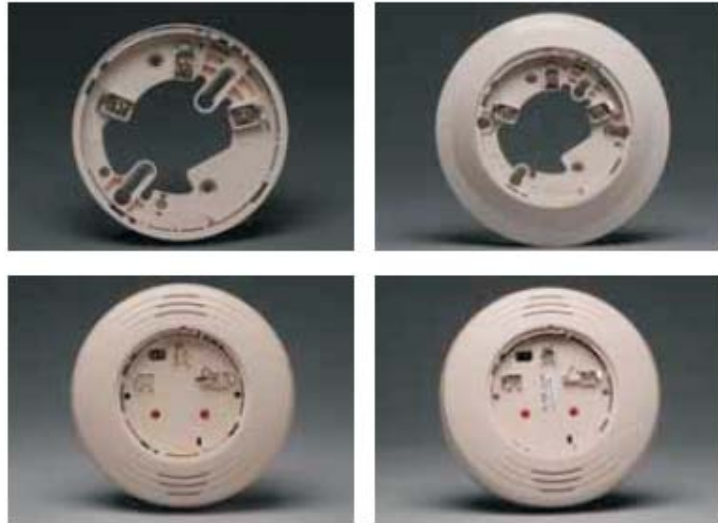


Description

200 Series Bases provide a variety of mounting options to meet your installation challenges. Bases come in flanged or flangeless versions for mounting to a variety of junction boxes. See the 200 Series Junction Box Selection Guide on the next page for junction box options. Surface mounting boxes are also available.

Harrington Signal offers relay, isolator, and sounder base options for 200 Series detectors. Relay bases provide one form C contact relay for control of auxiliary functions, such as door closure and elevator recall. Isolator bases allow loops to continue to operate under fault conditions and automatically restore when the fault is removed.

Sounder base is available in a combination temporal 3 and continuous tone model (B200SR).



Ordering Information

Model Number	Part Number	Description
B210LP	349-0757	Addressable 6" Base Low Profile, Flanged
B224BI	349-0856	Addressable 6" Isolator Base
B224RB	349-0647	Addressable 6" Relay Base
T110	349-0887	Trim Ring
B501	349-0515	Addressable 4" Base (must use special box for mounting), Flangeless
B200SR	B200SR	Standard Sounder Base



Specifications, 200 Series Bases

Physical Specifications	
Diameter:	B501: 4.1" (104 MM); B210LP: 6.1" (155 mm); B224BI, B224RB, B200SR: 6.875" (175 mm)
Wire Gauge:	B224BI, B224RB, B200SR, B200S, B210LP, B501: 24 to 12 AWG
Temperature Range:	32°F to 120°F (0°C to 49°C); B501, B210LP: -4°F to 150°F (-20°C to 66°C)
Humidity Range:	10% to 93% RH non-condensing
B224RB/B224BI Electrical Ratings	
Operating Voltage:	15 to 32 VDC (powered by SLC)
Standby Ratings:	170/450 µA maximum
Set Time (B224RB only):	Short Delay: 60 to 100 msec Long Delay: 6 to 10 sec
Reset Time (B224RB only):	20 msec max.
Relay Characteristics:	2 coil latching relay
(B224RB only):	1 Form C contact
	UL/ULC Rating:
	0.5A @ 125 VAC
	0.9A @ 125 VDC
	3A @ 30 VDC
B200SR Electrical Ratings	
External Supply Voltage:	16 to 33 VDC
Standby Current:	500 µA maximum
Sound Output:	Greater than 90 dBA measured in anechoic room at 10 feet, 24 volts. 85 dBA minimum in UL reverberant room
Alarm Current:	35 mA maximum

200 Series Junction Box Selection Guide

Model	Single Gang	3.5" Octagonal	4" Octagonal	4" Square	4" Square*	50 mm	60 mm	70 mm	75 mm
B501	No	Yes	No	No	Yes	Yes	Yes	Yes	No
B210LP	Yes	Yes	Yes	Yes	Yes	No	No	Yes	No
B224RB	Yes	Yes	Yes	Yes	Yes	No	No	Yes	No
B224BI	Yes	Yes	Yes	Yes	Yes	No	No	Yes	No
B200SR	Yes	Yes†	Yes	Yes	Yes†	No	No	Yes	No

*with 3.0" mud ring

†B200SA is not compatible with the 200 Series junction boxes.

Note: Box depth contingent on base and wire size. Refer to National Electric Code or applicable local codes for appropriate recommendations.

NOTICE: The information contained in this document is intended only as a summary and is subject to change without notice. The devices described in this document have specific instruction sheets which cover various technical, limitation and liability information. Copies of these instruction sheets and the General Product Warning and Limitations Document, which also contains important information are provided with the product and are available from Harrington Signal Inc. Fire Alarm. Information contained in these documents should be consulted before specifying or using the product. For further information or assistance concerning particular problems contact Harrington Signal Inc. Harrington Signal Inc. Fire Alarm reserves the right to change specifications without notice. Quality manufactured for Harrington Signal Inc. by System Sensor.