

# B501AUS, B501BI

## Addressable Detector Bases



B501AUS Base  
 Part# B501AUS-W  
 B501AUS-IV  
 B501AUS-BK

### General

NOTIFIER® offers standard plug-in detector bases, as well as, Isolator bases for the addressable detectors.

### Features

#### B501AUS standard Addressable Plug-in detector base

B501AUS standard bases offer compact design and is a plug-in detector base intended for use in intelligent systems, with screw terminals identified with a (+ and -).

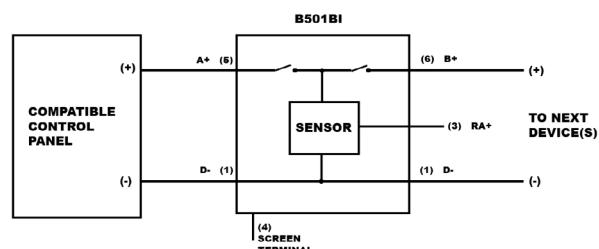
#### B501BI Isolator Base

B501BI Isolator Base is designed for use with all NOTIFIER® 851 and 951 series analogue addressable detectors.

The Isolator base prevents an entire communications loop from being disabled when a short circuit occurs. It achieves this by isolating the part of the loop containing the short from the remainder of the circuit. The Isolator base will automatically restore the entire loop when the cause of the short circuit is corrected.



B501BI standard plug-in mounting base  
 Part# B501BI-IV  
 B501BI-W  
 B501BI-BL



The B501BI isolator base accepts the following NOTIFIER® detectors : FSP-851AUS/ FSP-951AUS/FSP-951TAUS Series, FST-851AUS / FST-851(R)-WP/ FST-951AUS Series, FAPT-851AUS Series, FDX-851AUS-IV/FDX-851RAUS-IV, SDX-851AUS-IV Series, FSV-951RAUS Series and FPTI-951AUS Series

- Low Current consumption (100 uA)
- Complete isolation of short circuits
- Automatic restore when short circuit is corrected
- Up to 40 devices may be isolated per isolator base, depending on the device type
- Sensor continues to operate in case of a short circuit on either side of isolator base



# Specifications

	B501BI SPEC	B501AUS SPEC
VOLTAGE RANGE	15- 28.5 VDC	15- 32 VDC
STANDBY CURRENT	<150 uA	<150 uA
OPERATING TEMPERATURE RANGE	-10 °C to 55 °C	-20 °C to 66 °C
DIMENSION (BASE)	Diameter: 10.2cm; Height: 20.3mm	Diameter: 10.2cm; Height: 18.8mm
RELATIVE HUMIDITY	10% - 93% non-condensing	10% - 93% non-condensing
WEIGHT	44 g	36 g
MAXIMUM CURRENT DRAW	17MA (Device in isolation)	
MAXIMUM LOAD CURRENT	1A	
MAXIMUM ON RESISTANCE (24V)	60 mΩ	
MAXIMUM ON RESISTANCE (15V)	70 mΩ	
STANDARD	AS ISO 7240.17:2015	
TYPE	A	

## Ordering Information

### Intelligent Bases

B501AUS-W	Bright White, standard plug-in mounting base
B501AUS-BK	Black, standard plug-in mounting base
B501AUS-IV	Ivory, standard plug-in mounting base
B501BI-W	Bright White, Isolator plug-in mounting base
B501BI-BL	Black, Isolator, Isolator plug-in mounting base
B501BI-IV:	Ivory, Isolator, Isolator plug-in mounting base

NOTE: "

"-IV", suffix indicates Ivory color model.  
"-BL", "-BK", suffix indicates Black color model.  
"-W", suffix indicates Bright White color model.

## Agency Listings and Approvals

These listings and approvals apply to the devices specified in this document. In some cases, certain devices or applications may not be listed by certain approval agencies, or listing may be in process. Consult NOTIFIER® for the latest listing status.

### B501BI Approval and Listing:

AS ISO 7240.17:2015

SAI Global Listing# SMKH25312

This document is not intended for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without

For more information, contact Notifier:  
Phone (Australia): 1800 220 345 (Toll Free)  
Phone (New Zealand): 800 220 345 (Toll Free)

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DOC-02-030 05/22 | Rev A

