

# Loop Extension Pack - BSD-200A/PACK

Autroprime Interactive Fire Detection System  
Product datasheet

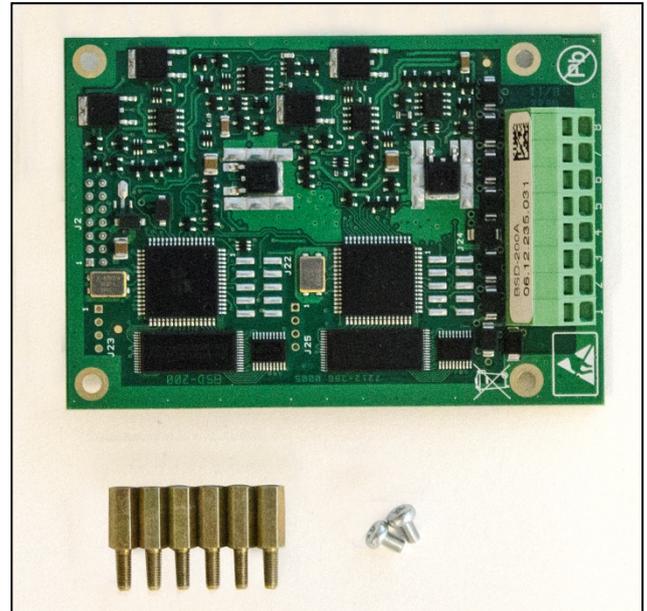
## Features

- Extends the number of detection loops from 2 to a total of 4
- Powered directly from Autroprime's internal 24 VDC source
- Easily mounted inside the cabinet onto the main circuit board BSA-200/BSA-200A

## Application/Description

The pack includes the following items:

- 2-loop extension board BSD-200A to be mounted in the Fire Alarm Control Panel BS-200
- 6 extension bolts (12 mm) and 2 screws for mounting the 2-loop extension board
- This datasheet with mounting instructions



## Connections to Detection Loop

1	Detection Loop 3 out +	For connection of Max 127 detectors/loop units	
2	Detection Loop 3 out -		
3	Detection Loop 3 in +		
4	Detection Loop 3 in -		
5	Detection Loop 4 out +	For connection of Max 127 detectors/loop units	
6	Detection Loop 4 out -		
7	Detection Loop 4 in +		
8	Detection Loop 4 in -		

## Technical specifications

Dimensions (mm)	Packing 100 x 100 x 146
Weight	130 g incl. packing
Mounting	Mounted onto main board BSA-200/BSA-200A (screws/bolts)
Materials	Compliant with RoHS Directive
Operating temperature	-15 - +70°C
Storage temperature	-40 - +70°C
Power	Autroprime's internal 24 VDC source

Part number	Description
116-BSD-200A/PACK	Loop Extension Pack
116-BSD-200/PACK	Obsolete, replaced by above



**Note!** The new loop extension pack board BSD-200A requires Autroprime system SW-version 2.0.0 or later. Please make sure that SW is updated before mounting the BSD-200A.

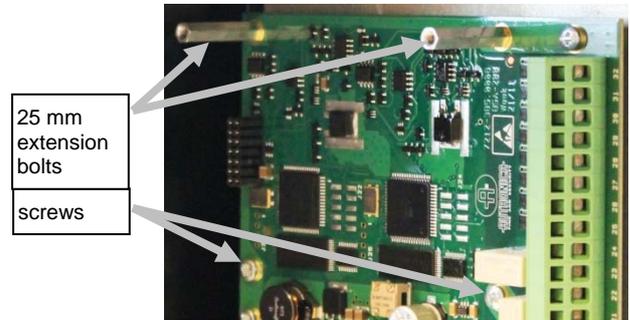
### Mounting the BSD-200A Circuit Board

Before mounting the BSD-200A board, make sure to use an antistatic ground bracelet.

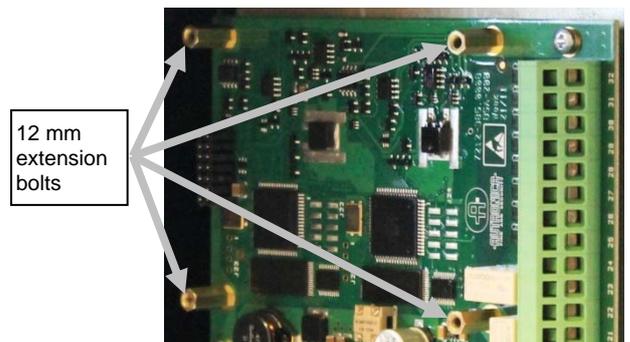
- Perform a controlled System Shutdown (Service Menu/System Settings)
- Turn the POWER OFF by disconnecting the internal battery cables from the terminal points, then turn off the mains power.

The BSD-200A board is to be connected onto the Main Board BSA-200/BSA-200A. Care should be taken to avoid any damage to the 14 pin connector at the back of the extension board during the operation.

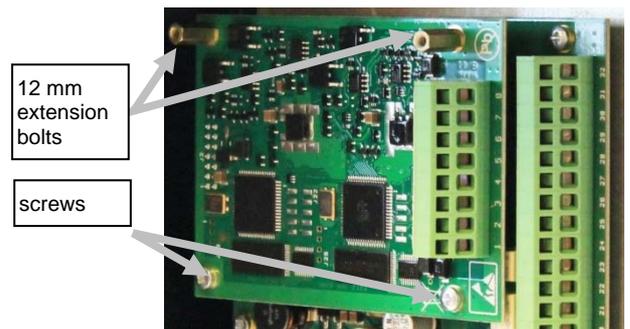
- Remove the metal cover from the Main Board inside the cabinet
- Remove the two 25 mm extension bolts and two screws at the uppermost part of the Main Board (*picture 1*)
- Replace the removed extension bolts and screws with four 12 mm extension bolts (*picture 2*)
- Gently press the BSD-200A into the 14 pin connector on the Main Board using the mounting holes for position guidance
- Mount the two remaining 12mm extension bolts at the two upper mounting holes of the BSD-200A board (*picture 3*)
- Fasten two screws in the two remaining lower mounting holes (*picture 3*)
- Remount the metal cover
- To turn the POWER ON, connect the mains power, then connect the internal battery cables.



Picture 1



Picture 2



Picture 3

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