

## Features

- Provides 24V DC and 5V DC regulated voltage to all panel mounted I/O modules.
- Easily plugged onto a standard mounting rail.
- Designed to meet EN-54 and LPCB requirements and conforms to CE standards.

## Application / Description

The Power Module BSS-310 converts unregulated battery voltage to 24V DC and 5V DC regulated voltage to all I/O modules mounted in the Fire Alarm Control Panel (BS-310/320) or the Controller (BC-320).

The power can be increased by connecting several modules in parallel.

## Mounting

The Power Module is always delivered with the Fire Alarm Control Panel (BS-310/320) or the Controller (BC-320).

The module is easily plugged onto a mounting rail - as the first module placed at the bottom of the rail - inside the Fire Alarm Control Panel (BS-310/320) or the Controller (BC-320).

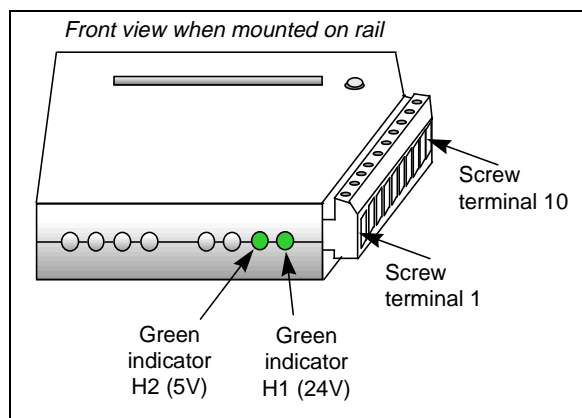
## Cabling

Two wires are used for the internal connection between the connection block on the Power Module BSS-310 and the terminals on the Connection Module BSF-310A.

Refer to connection drawing / schematics on the other side of this data sheet.



## Connections / Indicators



The module has two green indicators;

- Right green indicator (H1) - the presence of 24V DC
- Left green indicator (H2) - the presence of 5V DC

The I/O module has the following connections:

Screw Terminal no.	Signal
1	+24 V Input
2	+24 V Input
3	0 V Input
4	0 V Input
5	Chassis
6	Chassis
7	Not in use
8	Not in use
9	Not in use
10	Not in use



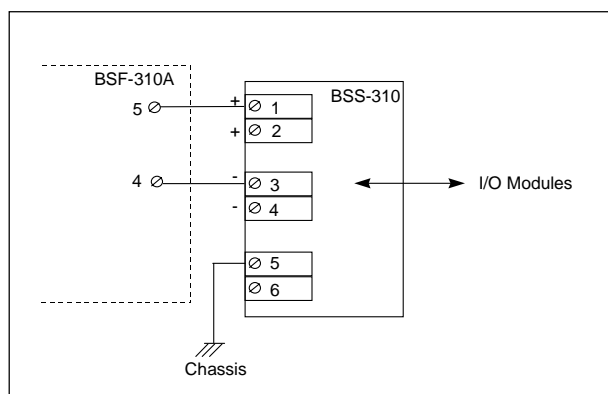
## Technical Specifications

Dimensions (mm)	95x89x32
Weight (g)	81
Materials	Top and bottom: Zytel FR7200 Snap-on mounting device: Zytel 7335S
Electrical connection	Internal system: plug-in connection Removable screw terminals (maximum cable dimension 2,5mm <sup>2</sup> )
Mounting	Onto a standard 35 mm mounting rail inside the Fire Alarm Control Panel or Controller.
Current Consumption (idle)	40mA
Maximum output power, 24V regulated	840mA
Maximum output power, 5V	100mA
Input voltage	18-32 V DC
24V Output	24V +/- 5%
5V Output	5V +/- 5%

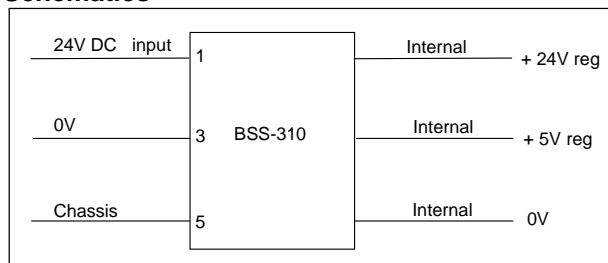
## Order Numbers

Order number	Description	Ship Weight metric/imperial
BSS-310	Power Module	

## Installation Overview



## Schematics



## Autronica Fire and Security AS

Fire and Security, Trondheim, Norway. Phone: + 47 73 58 10 00, fax: + 47 73 91 93 00.

Oil & Gas, Stavanger, Norway. Phone: + 47 51 84 09 00, fax: + 47 51 84 09 49.

Autronica Industrial Ltd., Watford, United Kingdom. Phone: 1923 23 37 68, fax: 1923 22 55 77.

Autronica AS, Marine Sales, Oslo, Norway. Phone: + 47 22 55 34 10, fax: + 47 22 55 30 46.