



BS-DM1

Supplied Items

- 1 x BS-DM1 Module
- Instruction Leaflet

Optional Accessories

Please contact your distributor for further information.

- BS-PS1 – 1 Zone Power Supply

CAUTION!

DO NOT CONNECT THIS UNIT DIRECTLY TO THE MAINS!

The BS-DM1 is designed to operate with the BlueBeam and BlueDome range of light fittings. Suitable power supplies are available from your distributor.

Conformity

The BS-PS1 dimming module conforms to the following standards:

- EN 61000-6-3 Light Industrial Emissions
- EN 61000-4-2 Heavy Industrial Immunity
- EN 60945 Marine



Further information can be obtained from technical@gds.uk.com

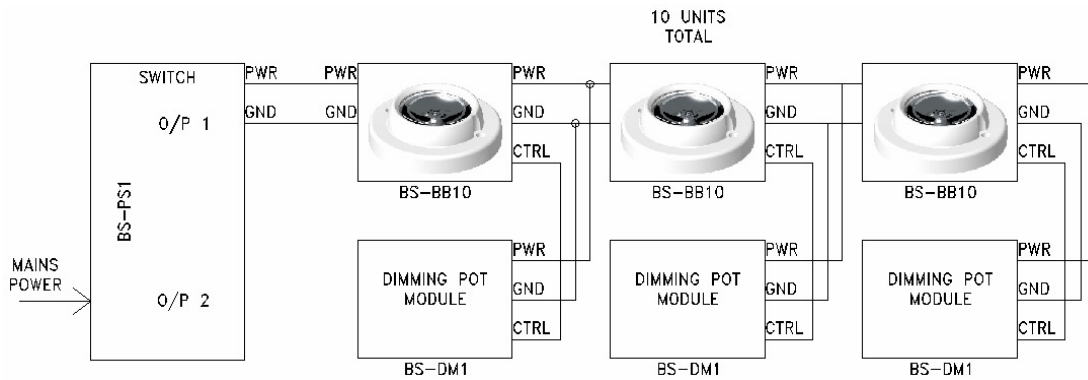
Installation

The BS-DM1 Dimmer Module is designed to allow intensity control of the BlueDome or BlueBeam light fittings. The module has 3 terminals on the rear of the enclosure. These are labelled PWR, GND and CTRL as they are on the light fittings. The BS-DM1 can be fitted anywhere in chain of BlueDomes or Beams, simply connect up the BS-DM1 just as you would connect another Beam or Dome to the system.

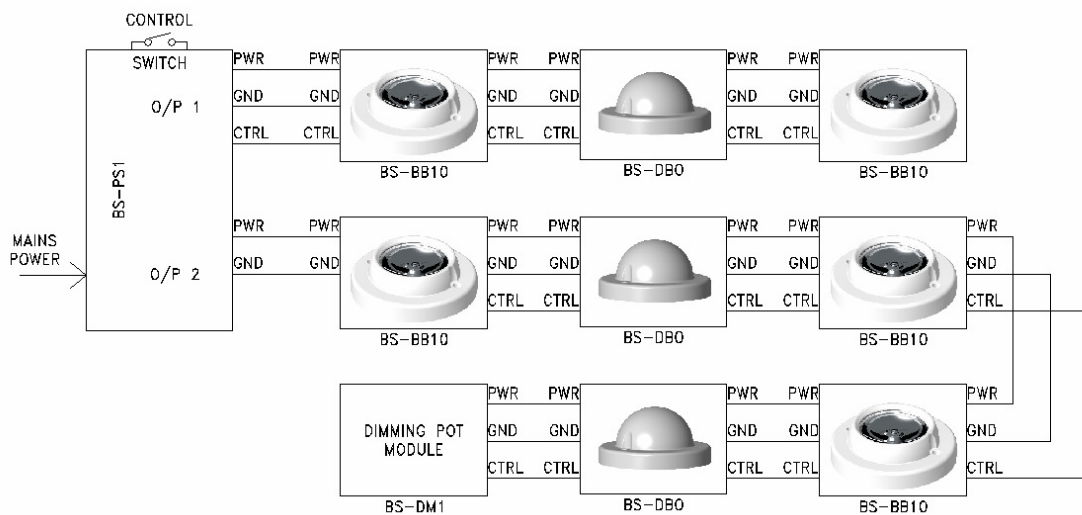
Electrical Properties

- Minimum Operating Voltage: 11V DC
- Maximum Operating Voltage: 36V DC
- Operating Current: 8mA
- Maximum Fittings: 40 Units

Connection Examples



This schematic shows the use of 3 BS-DM1 modules on a single power supply. This allows individual control of each fitting.



The schematic above shows the use of a BS-PS1. In this example, the fittings connected to O/P 1 will be controlled by the switch connected to the switch input on the BS-PS1. They will also be affected by the 'TOPSET' control. This allows you to set the on level from 0-100%. By connecting a BS-DM1 and removing the CTRL line from the power supply, the second set of fittings can be dimmed using the BS-DM1. These will not be affected by the switch on the BS-PS1.