

# MANUAL HIGH FREQUENCY DIMMERS



## High frequency controllers for 1-10VDC dimmable ballasts (including LEDs).

All versions include a relay capable of switching a total load of ballast, lamps plus other load of up to 6 amps, including fluorescent.

When controlling LED drivers a load capacitor (order code CAPLOAD) may be required to augment the load.

**Plated versions:** Push on, push off, with rotary dimming control.

**Grid modules:** Push on, push off, hold to dim.

Versions to suit the MK Grid Plus, Crabtree grid and Eurodata plates.

They may be placed in any position on the appropriate grid or plate.

They can also be operated by additional mains rated, normally open retractive switches.

Please call for details.

### SPECIFICATION:

Plated versions: Push on, push off, rotary dimming control.

Grid modules: Push on, push off, hold to dim.

Dimensions: See diagrams below.

### LOADING:

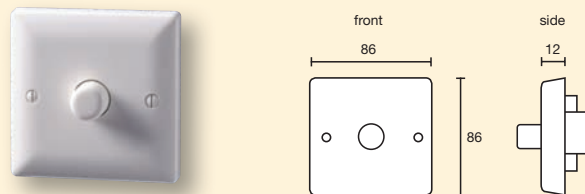
1-10VDC (plated): Version for control of one or two 1-10VDC ballasts.  
Version for control of up to twenty 1-10VDC ballasts.

1-10VDC (grid): Grid modules for control of up to twenty 1-10VDC ballasts.

**5 YEAR WARRANTY - MADE IN THE U.K.**

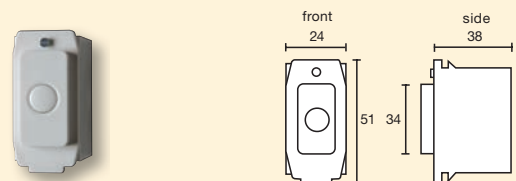
### A. Dimensions in mm

#### DP1D 10VDC SB, DP1D 10VDC MB



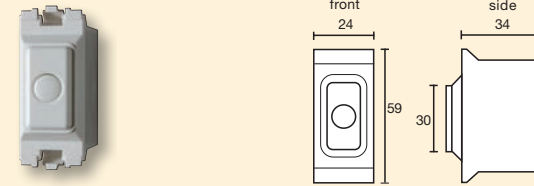
### C. Dimensions in mm

#### DSSGD CB 10VDC



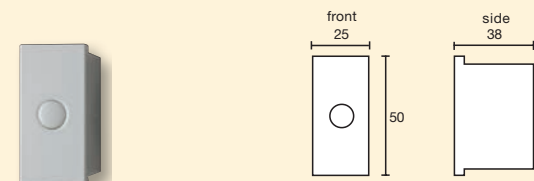
### B. Dimensions in mm

#### DSSGD MK 10VDC



### D. Dimensions in mm

#### DSSGD EU 10VDC



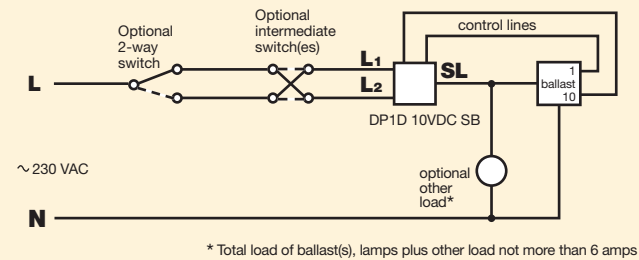
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DANLERS PRODUCT ORDER CODE	FORMAT	BALLAST OUTPUT	WALL BOX DEPTH	DIMENSIONS	DIMENSION DIAGRAMS	WIRING DIAGRAMS
<b>DP1D 10VDC SB</b>	Plated, 1 gang	1 or 2 1-10VDC ballasts	16mm	86 x 86 x 12mm	A	75.1
<b>DP1D 10VDC MB</b>	Plated, 1 gang	Up to 20* 1-10VDC ballasts	16mm	86 x 86 x 12mm	A	75.2
<b>DSSGD MK 10VDC</b>	Grid module suitable for MK Grid Plus	Up to 20* 1-10VDC ballasts	35mm	59 x 24 x 34mm	B	75.3
<b>DSSGD CB 10VDC</b>	Grid module suitable for Crabtree grid	Up to 20* 1-10VDC ballasts	40mm	51 x 24 x 38mm	C	75.3
<b>DSSGD EU 10VDC</b>	Grid module suitable for Eurodata plates	Up to 20* 1-10VDC ballasts	35mm	50 x 25 x 38mm	D	75.3

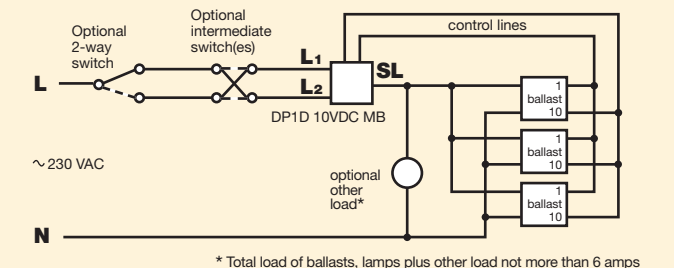
\* Can control up to 20mA, eg. 20 ballasts at 1mA.

## Wiring diagrams

### 75.1. DP1D 10VDC SB dimming a single 1-10VDC ballast (optional multi-way switching illustrated)



### 75.2. DP1D 10VDC MB dimming several 1-10VDC ballasts (optional multi-way switching illustrated)



### 75.3. DSSGD MK 10VDC, DSSGD CB 10VDC, DSSGD EU 10VDC dimming several 1-10VDC ballasts

