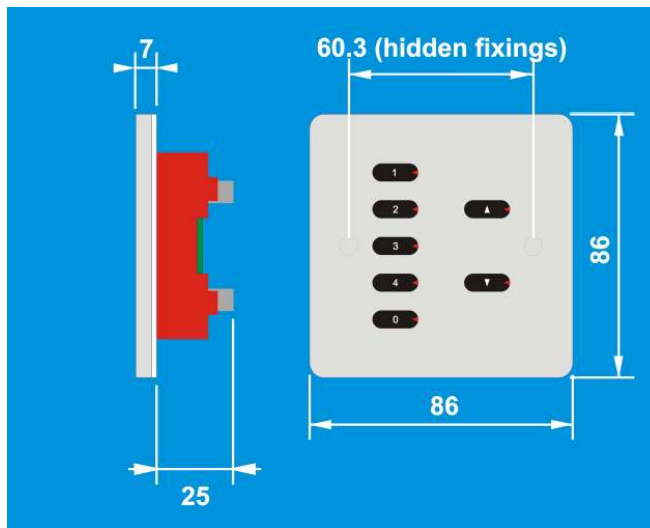


PRODUCT DATA AND INSTALLATION SHEET

RAPID SCENE SELECT PLATE EBS-4SC



DESCRIPTION AND OPERATION

The EBS-4SC provides advanced scene setting functions for the Rapid Lighting Control System. When used in conjunction with Rapid dimming LCMs and suitable dimming luminaires, complex dimming can be achieved to suit applications from conference rooms to individual offices. This product provides for the selection of scenes and the programming of LCMs to provide set dimming levels. The EBS-4SC provides the following features:

- Up to 8 scenes selectable using 4 buttons, plus a separate off scene
- Up/down override
- Adjustable fade rates up to 99 minutes, individually selectable for each scene
- Room divide input suitable for up to 3 interconnecting rooms
- Support for up to 99 individual dimming circuits

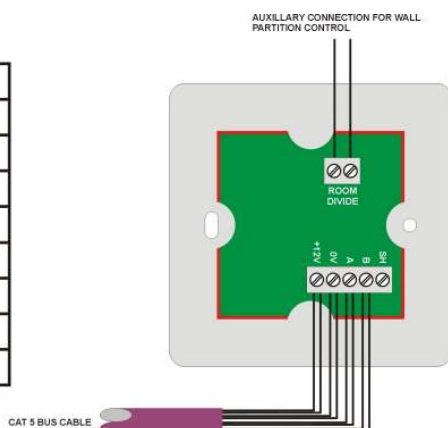
INSTALLATION AND WIRING

- Install the scene panel in a British standard flush box with a depth of at least 35mm.
- Wire the panel using a CAT5 cable with the one end stripped and wired as per the diagram below.
- If required, connect the SH terminal to earth or to a local ground.
- If required connect the room divide terminals to wall partition sensor or key switch. Note that these must have a voltage free contact which is open when the room partition is in place, and closed when the partition is opened up.
- Connect the other end of the CAT 5 cable via an RJ45 plug into port 3 or port 4 of the nearest LCM.

OPERATION

- To select scenes 1-4, press the scene button. The LED in the button will illuminate.
- To select scenes 5-8, press and hold the scene button for more than 1 second—the LED will flash. The button assignments are:
 - scene 5 = button 1
 - scene 6 = button 2
 - scene 7 = button 3
 - scene 8 = button 4
- When a new scene is selected, the desired light level be selected in the time determined by the fade rate. Double clicking the button will override the fade rate and achieve this level immediately.
- Scene 0 is reserved as the "off" scene, but can be programmed to leave a background lighting effect.
- If the scene panel is used in conjunction with an occupancy sensor then scene 1 will be selected on occupancy, and scene 0 when the room is unoccupied.

Core	Terminal
White/Orange	B
Orange	B
White/Green	A
Blue	A
White/Blue	0V
Green	0V
White/Brown	+12V
Brown	+12V



COMMISSIONING

Commissioning will normally be performed by our trained commissioning engineers. Please note that prior to commissioning, it is the responsibility of the installing contractor to ensure the following:

- The LCMs must be connected and installed
- Mains power must be available
- Luminaires must be plugged in
- The scene panel must be wired correctly and plugged into the LCM

The LCMs are factory set to a preset scene level as follows:

Scene	Level
0	Off
1	100%
2	75%
3	50%
4	25%
5	50%
6	50%
7	50%
8	50%


Commissioning is performed using the LCD programming handset. The following relates to the commissioning of all scenes accessible by the panel.

1. Assign a Scene ID to the panel
2. Ensure that the required LCM channel has an interface dependency on the Scene ID
3. Program the Scene ID of the nearest panel to be the DCM master ID
4. Assign the LCM channel to a circuit and give it the circuit ID. A circuit is any group of luminaires that need to have the same brightness level.
5. Select the scene on the scene panel. If it is scene 5-8, press and hold the button. If it is a room divide scene, then ensure that the room divide contact is made.
6. From the scene menu of the handset, select the circuit ID to be programmed.
7. Adjust the brightness using the up/down buttons.
8. When completed, press the scene button to store the value.
9. Repeat above for all circuits and scenes.
10. Any other parameter, such as fade time can be directly programmed from the handset by selecting the scene first and sending the command.

SPECIFICATION

LOAD

See datasheet for RAPID LCM

SUPPLY VOLTAGE 12VDC
TEMPERATURE -10°C to 35°C
CONFORMITY EMC-89/336/EEC
LVD-73/23/EEC 

IMPORTANT NOTICE!

This device should be installed by a qualified electrician in accordance with the latest edition of the IEE wiring regulations where applicable. All devices are supplied pre-programmed and identified with a unique reference number. The device must be installed in the position shown on the site installation drawings where the identification number is shown.

PART NUMBERS

EBS-S4C Eight scene, five button scene plate



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