

Technical Data

MLS CABLE: 1.5mm² unscreened twisted-pair: see Application Note AN4001
OPERATING VOLTAGE: Powered from the MLS Bus (not SELV)

The chassis of this device must be Earthed.

AMBIENT TEMPERATURE RANGE: 0 - 50°C

DEPTH REQUIRED BEHIND WALL: 35mm

WEIGHT: 150g

DIMENSIONS: 86 x 86 x 30mm

Fascias must be ordered separately using the following part codes:

MSS182BSS - Brushed Stainless Steel

MSS182WHI - White

MSS182PBR - Polished Brass

MSS182POC - Polished Chrome

Please note:

Please note that the flat head countersunk screws supplied with the unit must be used in order to ensure proper fit of the fascia plate. If the application requires longer screws, M3.5 extension studs should be used (MK Part No: MK 3710 is recommended).

Use only the dry-lining box supplied as other types may not fit.

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General Installation and Operation

The MLSLCP4 should be mounted on the supplied single-gang sinking box supplied. When mounting ensure that the orientation information on the plate is followed. Ensure that the mounting frame and the metallic fascia plate are bonded to the building Earth grid via the Earth terminal block provided on the mounting frame.

The MLSLCP4 Local Control Plate is designed to operate as part of an MLS Digital installation. This device sends messages to other equipment that is actually in control of the lights. It provides simple, manual control over a group of light fittings programmed to the same zone address, allowing the end-user to select one of three pre-set scenes, to dim, brighten or switch off the lighting as required.

The MLSLCP4 also allows brightness control; this is initiated by a long press on Button 2 (brighten) or Button 3 (dim). To facilitate minor adjustments of the light level, the MLSLCP4 remains in manual mode for a few seconds, allowing momentary presses of the dimming buttons. The buttons revert to scene-selecting mode after the short time out.

The MLSLCP4 will control the lights programmed to its zone only. This is set via an 8-way dill switch on the reverse of the unit as in the following diagram. Each switch has a value - 1, 2, 4, 8, 16, 32 and 64 (the switch designated 'Mode' should remain OFF). Using a combination of these will allow any zone to be set from 1 - 100.

The MLSLCP4 connects directly to the MLS bus via the terminals located on its reverse. 1.5mm² mains-rated unscreened twisted-pair must be used for this connection, however if just a short spur is required to the plate then single cables may be used. Polarity must be maintained throughout.



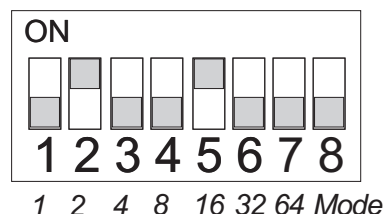
MLS Digital Local Control Plate MLSLCP4 MK2 for use with the MLS Digital range



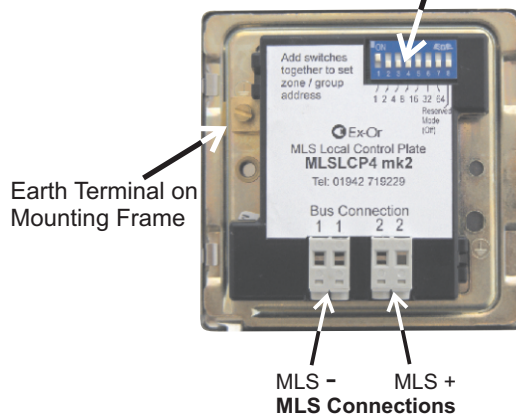
Installation and Commissioning Instructions

Commissioning

Adding together the value of switches 1-7 that are set to 'ON' sets a Zone number for the control plate. This diagram shows values 2 and 16 set to 'ON' and therefore denotes Zone 18.



NOTE: Switch 8 should be left OFF.



NOTE: The MLSLCP consumes two 'nodes' on the MLS Bus (max 200 with RB2000 Bus Power Supply; max 100 with RB2000LT Bus Power Supply 'Lite').