

## MLS Digital - Networked Managed Lighting System

# MLS2000ETM Emergency Test Module

The MLS2000ETM Emergency Test Module is used as part of the MLS Digital System to provide an emergency test facility for luminaires which are not connected through the CDW10U5 Connection Centre. It provides a maintained live supply to emergency luminaires.

When an emergency test is required, the user operates an Emergency Test Keyswitch, connected to the appropriate input on the MLS Bus Power Supply, RB2000, which causes the Module to disconnect the maintained live supply causing emergency luminaires to go into emergency mode.

A walk test of the installation can then be made to check that they are operating correctly and a log to be recorded in accordance with the requirements of BS5266, testing of emergency lighting.

Emergency mode is active for as long as the keyswitch remains closed and for a period of up to 30 seconds after the keyswitch is turned off.

In the event of an actual power failure all emergency luminaires will enter emergency mode as normal.



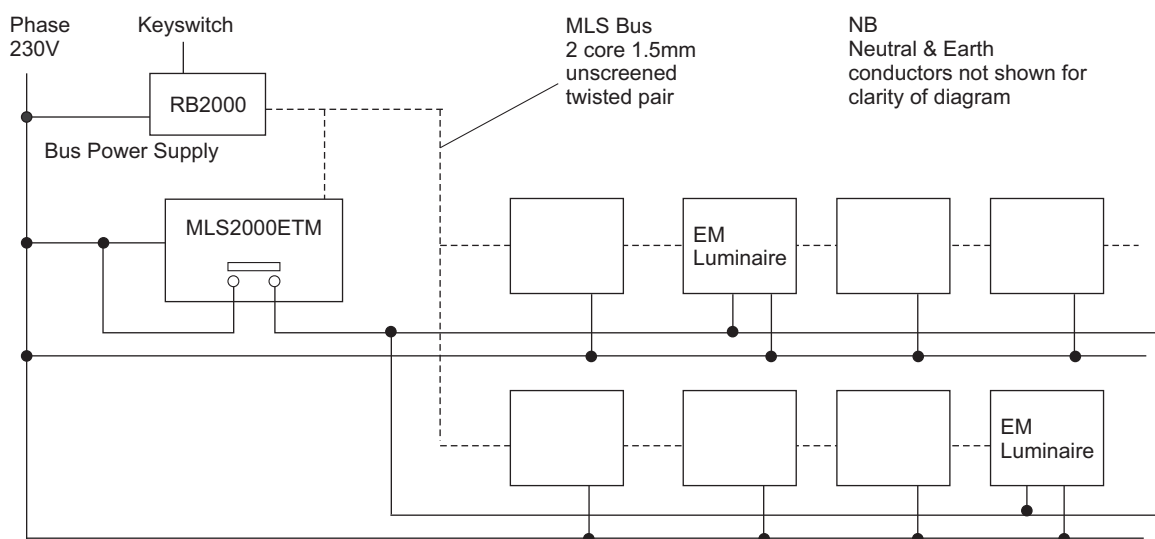
There are three status LEDs on the front of the unit:

**MLS OK** - illuminated means that the MLS Bus is connected correctly throughout the installation

**POWER** - illuminated when mains power is connected

**RELAY** - illuminated when the unit is in emergency test mode (i.e. when the relay is open).

### Example of application of MLS2000ETM



Please check [www.ex-or.com](http://www.ex-or.com) to ensure this is the most recent issue - Ref: D4056C

Technical Data	Fixing and Connection
<p>MLS CABLE: 1.5mm<sup>2</sup> unscreened twisted-pair - 'MLS SensaLink', available from UK Cables 0161 653 6789. See Application Note AN4001 for further cabling information.</p> <p>OPERATING VOLTAGE: 230V 50Hz (UK &amp; Europe)</p> <p>PRODUCT RATING &amp; RECOMMENDED CIRCUIT PROTECTION: 10 Amps</p> <p>POWER CONSUMPTION &lt;10W</p> <p>WEIGHT: 100g</p> <p>SIZE: 90mm x 60mm x 35mm</p> <p><b>This device presents a load of 1 unit to the MLS Bus</b></p>	<p><b>Fixing</b></p> <p>The MLS2000ETM is designed to be din-rail mounted. By extending the two plastic fixing wings the unit may be fixed directly to a panel using suitable screws.</p> <p><b>Connection</b></p> <p>The MLS Bus cable should be 1.5mm<sup>2</sup> twisted-pair unscreened. Please see AN4001 - MLS Wiring Application Guide for further information. Do not connect the MLS Bus to mains as this will cause irreversible damage to all devices in the system. MLS Bus connections to this product are polarity-free.</p> <p>The mains supply, volt-free contacts and MLS Bus terminals are suitable for 1 x 4mm<sup>2</sup> or 2 x 2.5mm<sup>2</sup> cable.</p> <p>This equipment must be installed only by a suitably qualified person and in accordance with the wiring regulations. It is the installer's responsibility to provide a means of isolating the unit from the supply.</p>

