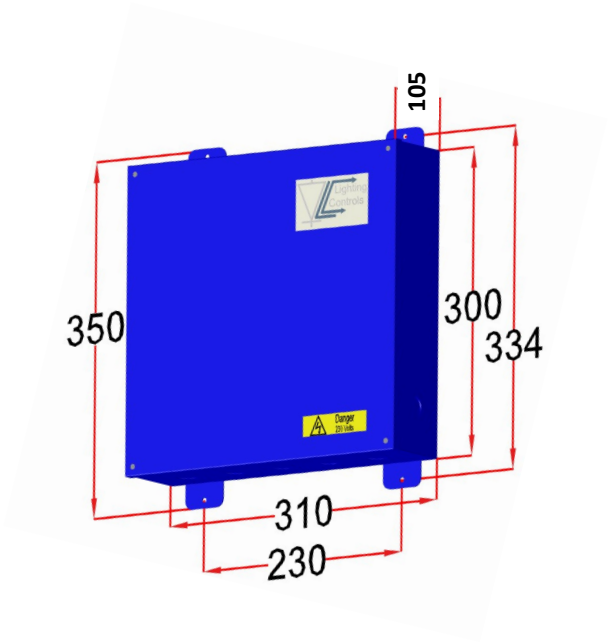
5 or 10 CHANNEL HARDWIRED LCM

Our HWM5 or HWM10 comprise of products with 1 or 2 modules with 5 relays per module and an additional relay for emergency luminaire testing. The modules control switched and emergency loads and up to 6 mains supplies. The relays in each controller have both normally open and normally closed contacts. Complete with a 4 way switching interface for sensing volt free contacts, terminal wiring for mains supplies, switched/ permanent live outputs and 2 core CAN bus connection. A removable memory module facilitates fast configuration of a replacement LCM should that be needed. LCMs can be programmed in the same way as our other devices, either by handset, or wirelessly via Bluetooth from a laptop.

Part Number:
LC-HWM5
LC-HWM10
Other Variants Available

ECOLUX DATASHEET



- Internal single-phase mains connection via terminal block.
- 5 luminaire outputs per module via screw terminals.
- 1 emergency luminaire test output per module.
- 1 x 2-way hardwired screw terminal CAN network connection.
- 1 x 4-way hardwired screw terminal connection for DALI peripherals.
- 4-way hardwired screw terminal per module for 4 volt-free inputs.
- Emergency: Maintained Live.
- Max. Switch Current: 10A per module,6A per relay, 230V AC .

Four inputs per module, configurable as;

- switch inputs
- scene control
- over-ride functions
- emergency relay control
- fire alarm inputs

Power

The hardwired controller is not powered from the bus and requires a permanent mains supply from the relevant lighting circuit.

Max no. of Scene Plates/ PIRs	15 on 4-wire Network/10 on 2-wire Network
Inputs	4 clean contact
Field comms	CAN BUS via internal screw terminals
Local comms	Internal screw terminals to DALI
Luminaire connection	Internal screw terminals
Configuration memory (removable)	256K (non-volatile)

Supply voltage	90-240 V AC 50Hz
Power consumption	Off load - 1.2 watts All channels on - 3.6 watts
Load, Total Max	10A
Load, per channel	6A
Case material	Steel
Operating temperature	-10°C to +50°C
Max Humidity	90% RH non-condensing

IMPORTANT: *Information contained in this datasheet is subject to change at any time without notice. Installation guides are available on our website (www.lightingcontrols.ltd.uk) or call us on 01252 470 027.*