

6 or 12 CHANNEL HARDWIRED LCM



Our ECOLUX HWM6 or HWM12 are hardwired panels with 1 or 2 modules with 6 relays per module. The relays in each controller have both normally open and normally closed contacts.

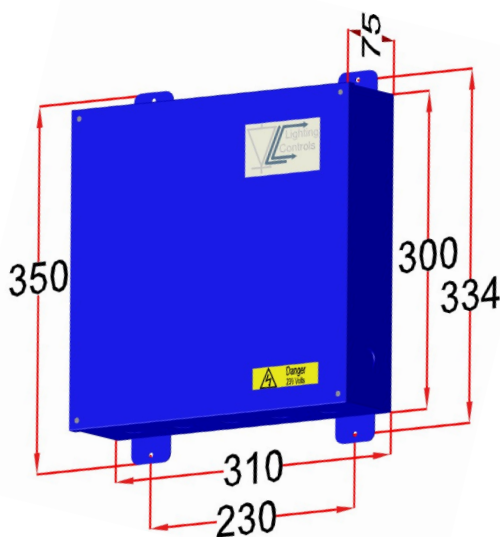
The hard wired controllers have a 4-way switch interface for sensing volt free contacts, terminal wiring for mains supplies and switched live outputs. There is also a 2 core CAN bus connection. The hardwired controller is not powered from the bus and requires a permanent mains supply from the relevant lighting circuit.

LCMs can be programmed in the same way as our other devices, either by handset, or wirelessly via Bluetooth from a laptop. A removable memory module facilitates fast configuration of a replacement LCM should that be needed.

Part Number:
LC-HWM6
LC-HWM12
Other variants available



ECOLUX DATASHEET



Four inputs per module, configurable as:

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

Connections

- 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: Permanent Live.
- Max. Switch Current: 10A per module, 6A per relay, 230V AC
- Max number of devices: 15 on 4 wire network / 8 on a 2 wire network.

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
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	90-240V AC 50 Hz
Power Consumption	Off Load 1.2 Watts All Channels ON 3.6 Watts
LOAD-Total Max	10A
LOAD-per Channel	6A
Case Material	Steel
Max Humidity	90% RH non-condensing
Operating Temperature	-10°C to +50° C

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.