FLOOR INTERFACE

Lighting Controls

Part Number:
LC-TCP-IP
LC-TCP-IP/TC (Time clock)
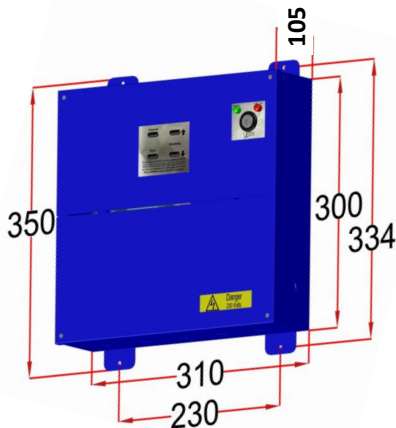
The ECOLUX TCP-IP is installed when communication is required between floors or if a Head End graphics package is to be installed for the monitoring of the lighting control system. It enables manual duration testing of the emergency lighting system, and also provides an override 'On' facility for luminaires. These facilities are controlled by a key switch.

The LC-TCP-IP also features important test functions, allowing a lighting control network to be checked before commissioning. In other words, the integrity of the installation can be checked when the network wiring is completed, and the lighting system fully working. All DALI strings are also tested. This protocol allows the building lighting to be functional before a Category B fit out but without commissioning costs.

ECOLUX DATASHEET

- 2x Clean contact mains rated outputs and 2x clean contact inputs for 'Fire override on' or 'Intruder alarm override off' etc
- Override facilities for key switch commands
- Functions provide 'Emergency test' and 'Override all on'
- Tests the integrity DALI strings prior to commissioning
- Ethernet allows communications between CAN buses and with Head end or server system
- Terminal wiring for mains supply and CAN bus connections
- Punch down wiring for CAT5 or similar
- 2-way interface for sensing volt free contacts
- A time clock for timed events can be added

Network Testing

The TCP-IP has four buttons used for testing prior to commissioning:

- Two to check that the lamps dim and brighten.
- One button to start the Test function.
- One button to cancel the Test function.

Pushing the Test button causes the lights to go OFF either for 20 minutes or until the Cancel button is pushed.

Supply Voltage	90-230 V AC
Power consumption	2W
Input	4 Volt-free and 24 Virtual inputs,
CAN bus connector	Screw terminal
TCP/IP Configuration	External DHCP
Ethernet Connection	Punch Down

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.

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