

# TC-1

## Astronomical Time Clock

### Key Features

- Astronomical time clock including day, date, sunrise, sunset functions
- Scene selection and programming
- Channel level raise and lower
- Task / sequence programming
- Scene and channel naming
- Designed and manufactured to ISO9001:2015 standards

### Overview

Surface mounting electronic time clock with astronomical facility and LCD display. Fully programmable using iCANsoft for daily or date specific events. Connects to iLight's iCANnet™ network. Keyboard allows scene selection and event functions to be enabled / disabled.

The iLight TimeClock enables the user to have the following functions; astronomical time clock, scene programming and scene selection into one simple control panel.



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## Mechanical

Weight: 1.1kg

Mounting: attached via bracket to standard 35mm double gang wallbox - not provided, or screwed directly to surface.

Climate Range:

Temperature: +2°C to +40°C

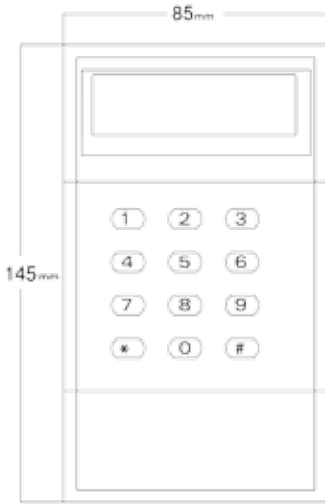
Humidity: +5 to 95% non condensing

Control Inputs:

One set of terminals for iCANnet™ network

Suitable for Belden 1502

## Dimensions



## Electrical

Supply: +12VDC (via iCANnet™ network cable)

Termination:

Network: Screw terminals within two part connectors, able to accept 1.5mm<sup>2</sup> stranded and solid wire.

Programming: Via iCANsoft.

Functionality:

Select scenes

Scene programming

Channel level raise and lower

Scene and channel naming

Task / sequence programming

Time clock

Date range - recurring events

One shot events

Leap year

Daylight saving setting

Astronomical timeclock with offset facility

Date / day omission

Photocell / motion sensor interaction

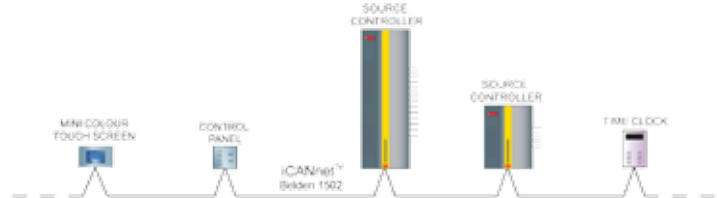
Diagnostics - network

Memory:

FLASH memory to be able to upgrade firmware

EEPROM for 128 scene memory

## Typical Schematic



## Contact your local Eaton office

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