

Lighting Control Overview

RTC

- Inbuilt real time clock
- Automatic daylight savings adjustment
- Atomic clock synchronisation (NTS).

Triggers

Inputs

Configurable inputs with dynamic modes and multistaged override timers for:

- Push buttons and switches
- Daylight sensors
- Occupancy sensors
- RF receivers, etc.

Schedules

- Automatic time based events
- Sunrise and sunset with offset
- Repeat timers
- Linked timers with offset
- Holidays and holiday schedules.

Network

- Touch screen
- Computer with building monitor
- Linked controllers
- PDAs/smartphones
- SMS (text messages).

Actions

Direct Arc Level

- Direct ARC power control
- Logarithmic dimming curve with an arc power level of 0.1% to 100%.

DALI Commands

- Dimming commands: Min, Max, etc.
- Scenes with individual light levels
- Status reporting
- Configuration.

Extended Commands

- Conditional commands: Min_If_On, etc
- Controller commands
- Timed sequences.

Control Targets

Ballasts

Up to 64 ballasts (1 loop) or up to 128 ballasts (2 loops).

Groups

Up to 16 DALI Groups per loop + 48 extended Groups per loop.

Broadcast

Single loop or all loops.

Outputs

8 onboard outputs to drive relays.