

# DALIcontrol Native Solution Typical Schematic

## What is a DALIcontrol Native Solution?

In today's world of digital lighting, DALI is regarded as the worldwide standard for control of commercial light fittings. The Clipsal range of DALIcontrol 30 Series Mechs are suitable for a wide range of control functions in a commercial environment, providing out-of-the-box control of DALI lighting without the need for programming.

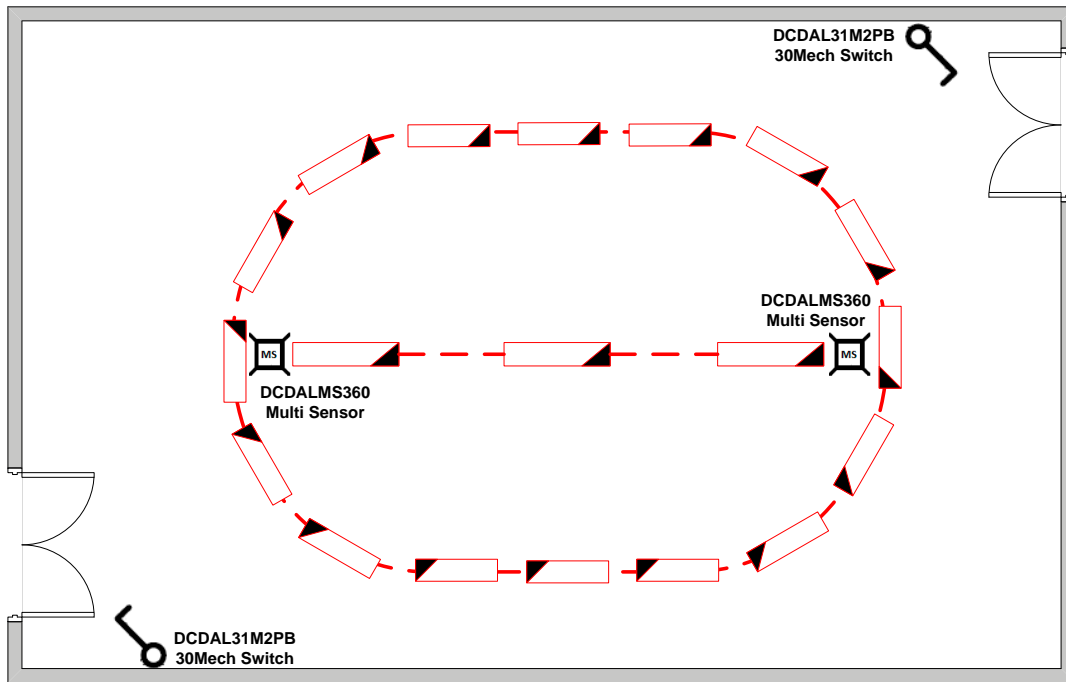
Building owners want simple and familiar on wall devices to operate lighting. However, demands for energy savings require occupancy detection and, in some instances, creating the right light requires dimming.

Consider this. Your customer has a boardroom with two entrances and requires a light switch at each door. They also need to ensure that the lights are off when the boardroom is not in use and need an occupancy detector that can time out and switch off when no motion is detected. Along with this, the customer needs to be able to dim their lighting for instances like when a presentation is being made.

Attempting this lighting solution using standard wiring practice is problematic and time consuming. With DALIcontrol, a detector, two switches, light fittings and a power supply, you can achieve simple and cost-effective control of lighting and meet the customers requirements.

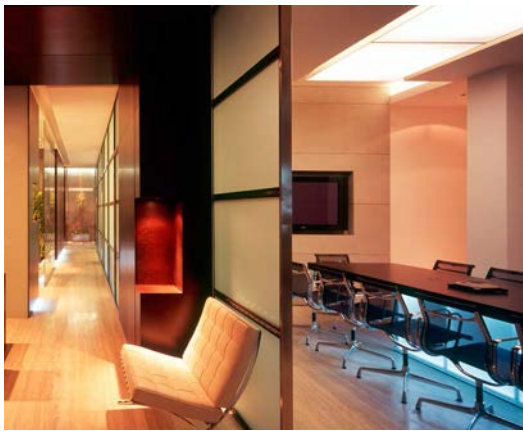
  
by Schneider Electric

## DALControl Native Schematic



In this example, to meet the customers requirements, a DALControl Native Solution is recommended. A DALControl power supply is installed in a switchboard, which powers the DALI line. This two-core feed (DALI line) is connected to all your DALI devices, including switches, detector and lighting fittings.

With this DALControl Native Solution, you have achieved two-way switching and dimming, with occupancy detection factory preset to a 20-minute timeout. Prior to timing out completely the DALControl Native Solution will dim the lights to a minimum level one minute prior to switching off.



### Features and Benefits

- Achieve instant switching and dimming (two-way)
- Occupancy detection with 20-minute timeout, plus warning level
- Push-button wall switch control
- Assists towards achieving BCA compliance and green initiatives
- PC programming not required
- Simple to install
- Clipsal DALControl 30 Series Mechs are suitable for use with most Clipsal switchplates (suits 30 Series Mech aperture)

### Bill of Materials

### DALControl Native Solution

Catalogue Number	Description
<b>DCDALCIP250-2</b>	DALControl DIN-Mount Power Supply
<b>DCDAL31M2</b>	DALControl 30 Series Master Push-Button Mech
<b>DCDALMS360</b>	DALControl 360 Degree Multi-Sensor
<b>Various</b>	DALinfinity M3 Soft Wiring.
<b>SC2031VH-WE</b>	Clipsal Slimline Gridplate.
<b>DCDAL31MOD</b>	DALControl 30 Series Occupancy Detector



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To find out more about DALControl Native Solutions visit [clipsal.com/DALControlsolutions](http://clipsal.com/DALControlsolutions)

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