

DALI Broadcast Module



The DALI Broadcast Module is a compact DIN rail mounted device with eight independent low voltage outputs each controlling up to thirty two devices.

DALI device addressing is not required in broadcast mode, therefore commissioning is simpler and more cost effective. Also maintenance costs are greatly reduced using broadcast DALI as faulty drivers or ballasts are simply replaced with no computer intervention, unlike "Individual" and "Group" DALI where detailed knowledge of DALI programming is required to replace faulty drivers.

The DALI Broadcast module is connected to other eDIN or Evolution devices in a system by the Mbus network connection, which provides SELV communication between system devices. The system is orchestrated by the Network Processor (DIN-NPU-00-01) which is programmed via a computer. Alternatively for small systems with up to eight circuits the Dali Broadcast Module can be used with a control plate in "standalone mode" without the need for a Network Processor. In this case set-up is directly via the DIN-DBM's on-board keypad and the control plate with no computer required (white fixtures only).

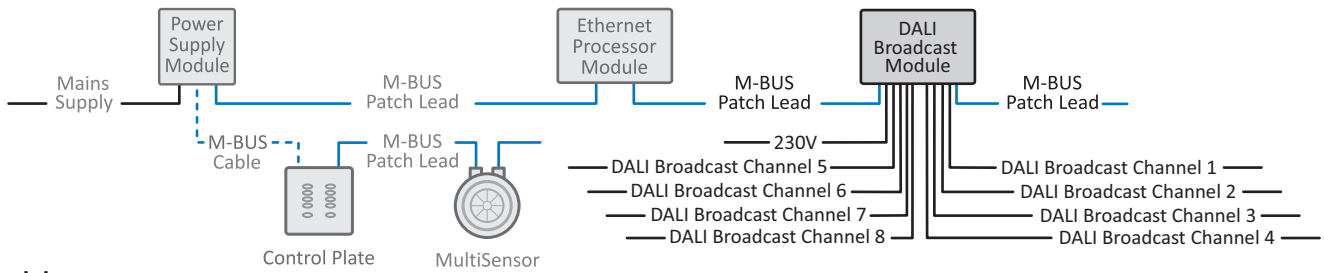
Key Features

- » Eight Channels of DALI broadcast or Analogue 1-10V or DSI.
- » Up to 32 devices per channel.
- » Mains powered with integral DALI power supply.
- » Fault report monitoring supported on each channel.
- » Intelligent Standalone feature providing simple programming and control via a keypad without the need for a computer (white only).
- » Connection via Mbus to other eDIN system devices, multi-sensors and control plates.
- » 2 year warranty.

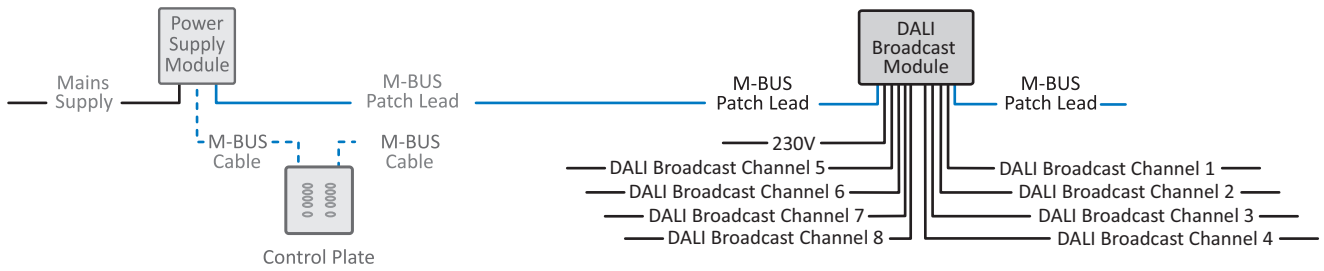


System Architecture

Networked



Standalone



Technical

Power	
Mains Supply	» 230V AC +/- 10% 50 / 60Hz single phase
Connections & Cable Specifications	
M-BUS (1qty)	» 24V DC for M-BUS devices » Fast, flexible installation using M-BUS Patch Leads » Safety Extra Low Voltage (SELV)
DALI Outputs (8qty)	» 8 x DALI Broadcast (maximum 32 devices per output)
Mechanical & Standards	
Material	» Extruded aluminium case
Weight	» 0.610Kg
Dimension	» (9 WAY) 160mm Wide x 100mm High x 64mm Deep

Note

For additional technical information refer to Installation Guide DIN-DBM-32-08-PLUS.

