

GENERAL INFORMATION

The Response DALI Gateway accepts DMX control input to provide DALI control output for a full DALI loop of up to 64 devices. It is ideal for both retrofit and new control system installations that require DALI based control.

APPLICATIONS

- Houses of worship
- Hotels
- Convention centers
- Meeting rooms
- House lighting
- Museums
- Themed environments

FEATURES

- 64 independent DALI control outputs (one loop)
- DMX control input
- Algorithmic dimming conversion to ensure fade performance
- Configured using RDM
- Onboard display for status of DALI and DMX
- 12-24VDC power input

ORDERING INFORMATION

DALI Gateway

MODEL	DESCRIPTION
RSN-DALI	Response DALI Gateway

Gateway Accessories

MODEL	DESCRIPTION
PS-DIN24	24VDC DIN-Rail Gateway Power Supply

Related Products

MODEL	DESCRIPTION
RSN-LV	Response 0-10V Gateway
N31G-DIN	Response 1-port DIN rail gateway
N34G-DIN	Response 4-port DIN rail gateway



## SPECIFICATIONS

## FUNCTIONAL

- Supports USITT DMX512-A control input (ANSI E1.11)
- Supports DALI loop control for one DALI loop
- Algorithmic dimming conversion to ensure fade performance
- Supports failed device replacement without the need for software or configuration

## MECHANICAL

- Onboard display for identification, status and configuration
- Extruded aluminium enclosure
- DMX and DALI activity indicators
- Plug-able terminals provided for all wiring connections
- 8 unit DIN enclosure
- Mounting complies with DIN43880 (35/7.5 rail)

## ELECTRICAL

- 12-24VDC power input using two-pin plug-able connection
- One DALI loop output (requires external DALI power supply)
- RoHS compliant (lead-free)
- CE compliant and ETL LISTED

## DMX INPUT PORT

- Optically-isolated input from the Gateway electronics
- Withstands fault voltages of up to 250VAC
- Integrated DMX/RDM termination

## CONFIGURATION

- Configured via RDM
- Configuration provided using Net3 Concert software connected to an ETC DMX/RDM gateway, or third party configuration software.
- Configurable starting address with support for custom patch tables allowing non-sequential addressing

## ENVIRONMENTAL

- Ambient operating temperature: 0° to 40°C (32° to 104°F)
- Operating humidity: 5% - 95% non-condensing
- Storage temperature: -40° to 70°C (-40° to 158°F)

## ADDITIONAL INFORMATION

## DMX512

Often shortened to DMX (Digital Multiplex), this communication protocol is used mainly to control dimmers and multi-parameter fixtures. A universe of DMX is defined as 512 channels. DMX sends a nearly continuous stream of level information for each control channel. It is a form of RS-485 digital serial communication.

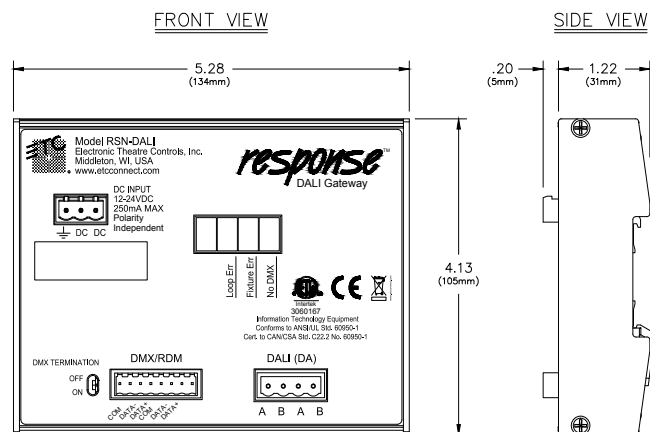
## PHYSICAL

## DALI Gateway Dimensions

MODEL	HEIGHT		WIDTH		DEPTH	
	inches	mm	inches	mm	inches	mm
RSN-DALI	1.22	31	5.28	134	4.13	105

## DALI Gateway Weights

MODEL	WEIGHT		SHIPPING WEIGHT	
	lbs	kgs	lbs	kgs
RSN-DALI	1.0	0.45	1.5	0.68



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