

EVOLUTION Contact Input Module EVO-INT-CI-08

EVOLUTION
IT WAS ONLY A MATTER OF TIME

EVOLUTION
EVO-INT-CI-08
CONTACT INPUT MODULE

IP1 0V IP2 0V IP3 0V IP4 0V
0V 0V 0V 0V

IP8 0V IP7 0V IP6 0V IP5 0V

Data A B C D M-Bus
Set address using DIP switches on rear. Switch 10 is M-Bus terminator.
MODE LIGHTING (UK) LIMITED
www.evolutioncontrols.com
MADE IN ENGLAND

Power D C B A

- EIGHT Contact Inputs.
- PLUGGABLE 2.5mm screw-terminal connections.
- TRIGGER on contact closed / open / held closed / released-after-held states.
- UP TO 511 modules per M-Bus network (over 4000 inputs).
- CONFIGURABLE timing and de-bounce parameters for each input.
- CONFIGURABLE inversion for each input (in software).
- USE WITH Impulse, Toggle or Multi-Press Operations.
- CONTACT State-Change Indicator LED.
- M-BUS Power LED.
- M-BUS terminator via simple DIP-switch.
- NO EXTRA power supply required.
- SURGE-PROTECTED inputs.
- COMPLIES with EC EMC and Low Voltage Directives (CE).
- SUPPLIED with 2.5mm Terminal Screwdriver.

TECHNICAL DATA

	EVO-INT-CI-08
Power Supply	24v (from M-Bus)
Protocol	Mode Evolution M-BUS
Contact	8 x Volt-free contact inputs or 0-24v DC
Switching Level	5v – 24v (NB invert state using the configuration software for non-volt-free operation)

	EVO-INT-CI-08
Weight	95 grammes
Standards	Complies with EC,EMC and Low Voltage Directives
Dimensions	92mm x 67mm x 26mm (excluding connectors) 110mm x 67mm x 26mm (including connectors)

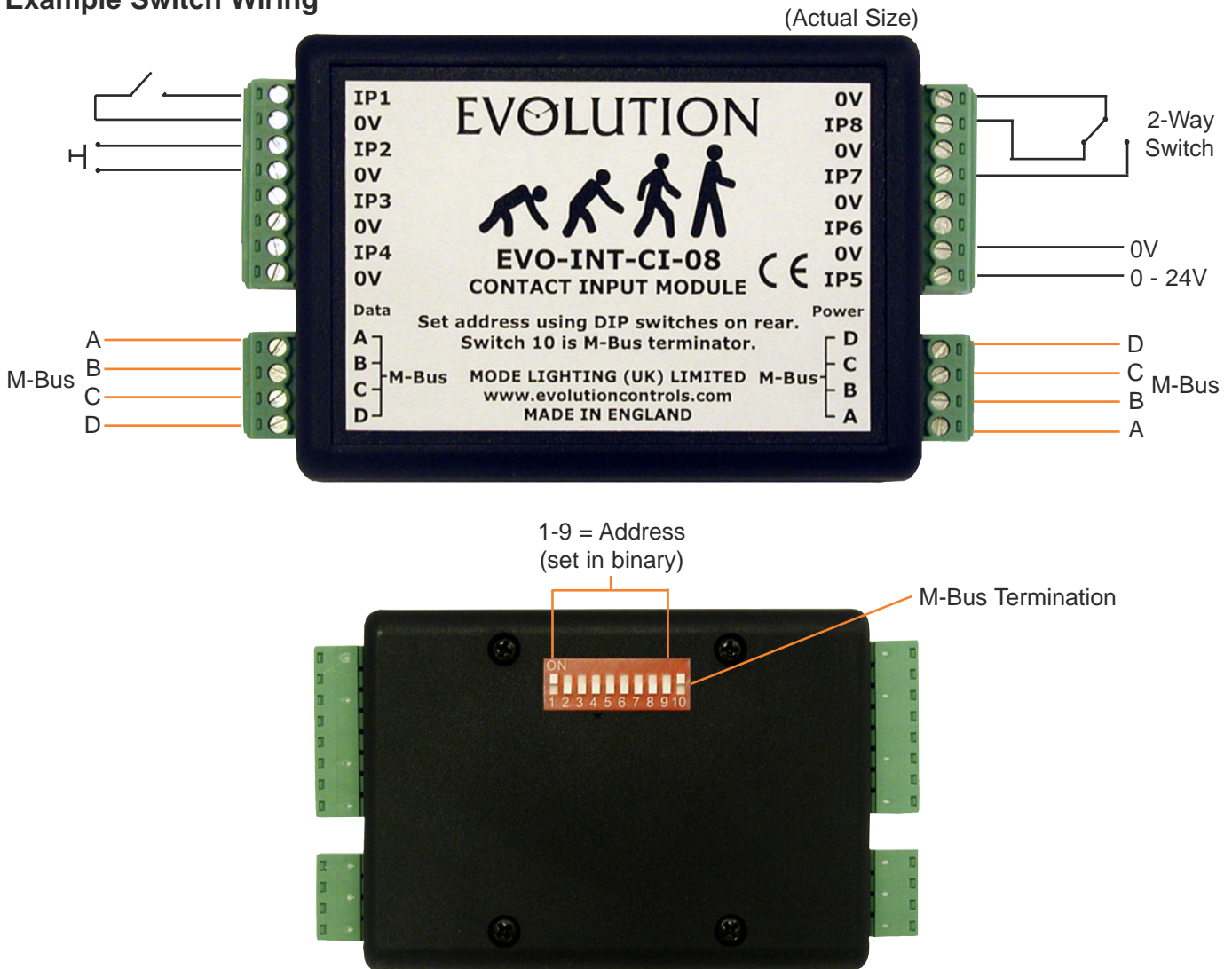
DESCRIPTION

The Evolution Contact Input Module allows connection of up to eight independent volt-free contact closure inputs (or 0-24v DC switched voltages) to trigger events on any part of the Evolution system. Inputs can be from retractive switches, push buttons, rocker switches, PIR sensors or relay outputs from security systems etc. The inputs may be used to trigger any operation in the Evolution software including "Impulse" control, or multi-step toggling operations. Triggering may be on any state: closed, opened, held-closed or released-after-being-held.

Evolution is a versatile and highly configurable architectural control system designed for both lighting and peripheral management. Evolution is uniquely adaptable, making it an ideal choice for use in a vast number of applications including modern smart homes, shopping centres, restaurants, hotels, cruise ships, boardrooms, hospitality suites and offices. System features include RS232, DMX, DSI and 1-10v controls. A built-in astronomical clock facilitates events triggered at any time of day, linked with sunrise - sunset calculations or by user definable seasons. Any input may control any output with the ability to provide operation of a sequence of events, for example, control of lighting, blind motors, commands to building management systems, colour changing etc. Unique features such as self-program-on-installation and distributed intelligence make the Evolution simple to install and maintain. All Mode products are guaranteed for a two year period.

EVO-INT-CI-08

Example Switch Wiring



COMPANY SUMMARY

Mode was established in 1970 as an Original Equipment Manufacturer in Hertfordshire, England. Mode designs and manufactures electronic products principally for the lighting industry, initially supplying the discotheque market and more recently expanding into the architectural and cruise ship markets. Mode is a subsidiary of a privately owned Holding Company and has four associated electronic companies who together trade as "The Mode Group".