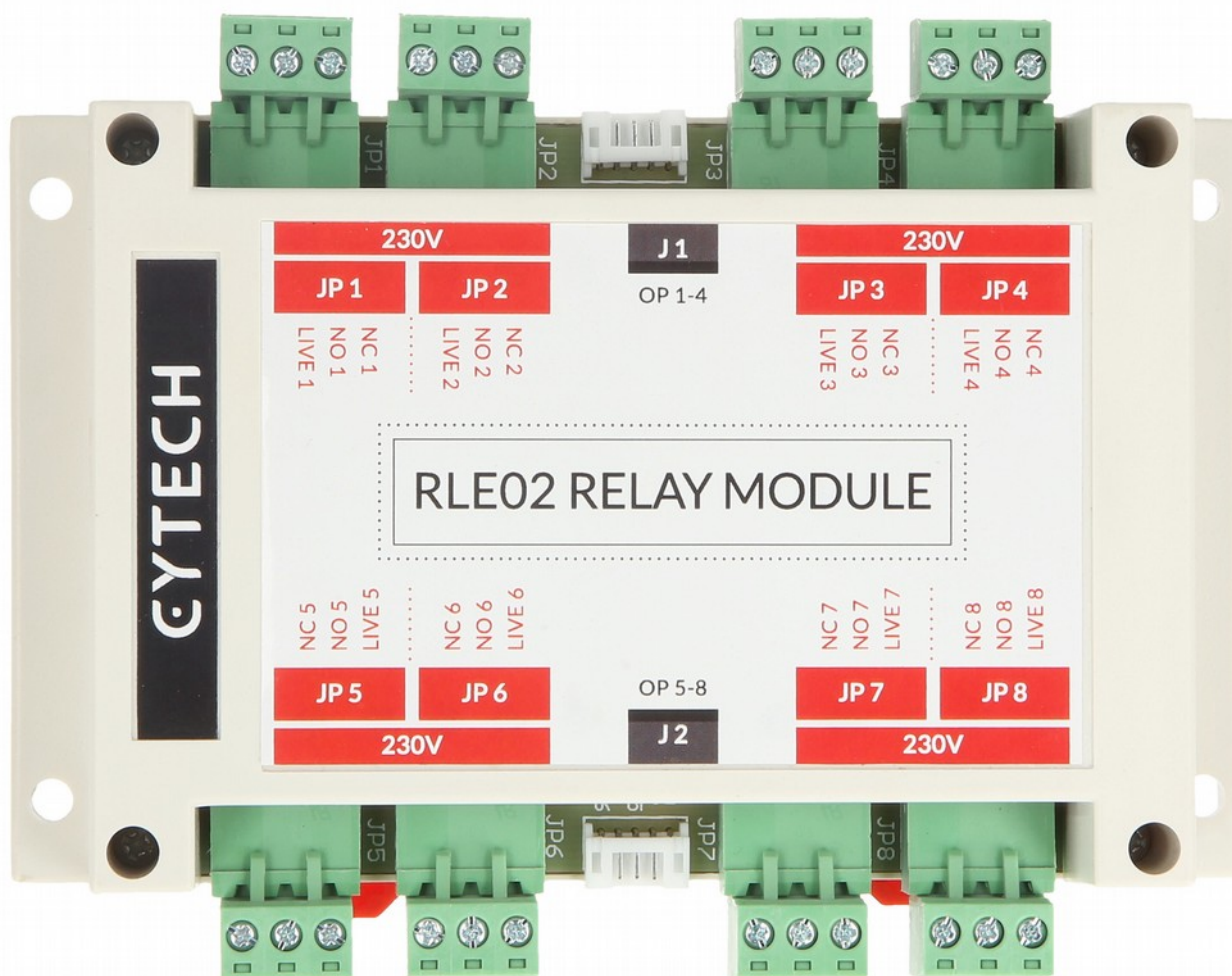


RLE02 – Relay Module for IRIO-IO and HIO01B

The RLE02 is a relay module with 8 relays mounted in a DIN Rail enclosure which can be connected to the HIO01B Hotel Room Controller or IRIO-IO Intelligent remote I/O Module with 8 Outputs, 8 Inputs. 2 RLE02 with 16 relays can be connected to one HIO01B.



RLE02 with DIN Rail Enclosure

HIO-RLY with DIN Rail enclosure cover removed

Relay Specifications

Dimensions	145 x 90 x 40 mm
Weight	285 g
No of Relays	8
Coil Arrangement	1 Form C (SPDT Normally Open) for each relays
Rated Load	6 A 250V
Max Switching Voltage	440 VAC
Max Switching Current	10A

RLE02 – Relay Module for IRIO-IO and HIO01B

Mechanical Life	10 million operations
Electrical Life	10000 operations
Insulation Resistance	1000 Mohms at 500VDC
Breakdown Voltage (Contact to Coil)	5000 VRMS (1 min)
Breakdown Voltage (Open Contacts)	1000 VRMS (1 min)
Initial Surge Voltage (contact to coil)	10000V
Coil Resistance	360 ohms
Coil Operating Current (12V)	33.3 mA
Coil Pickup voltage	8.4V
Coil Release voltage	1.2V

What is Included

The package includes

- RLE Relay Module with DIN Rail enclosure
- 2 x 5 way cable assembly for connection to HIO01B or IRIO-IO

Connectors

J1 and J2 5-way connectors allow RLE02 to be connected to HIO01B or IRIO-IO. The 5 way cable assembly shown below can be plugged in to both sides (ie HIO and HIO-RLY). Each cable connects 4 Outputs to relays.



JP1 to JP8 3 way Green Pluggable Terminal Blocks. Live (Common, N/O Normally Open, N/C Normally Closed). Each Terminal Block Circuit is electrically Isolated from the other terminal block circuits.

Document History

10 October 2019 Initial Release

Size A6 Leaflet