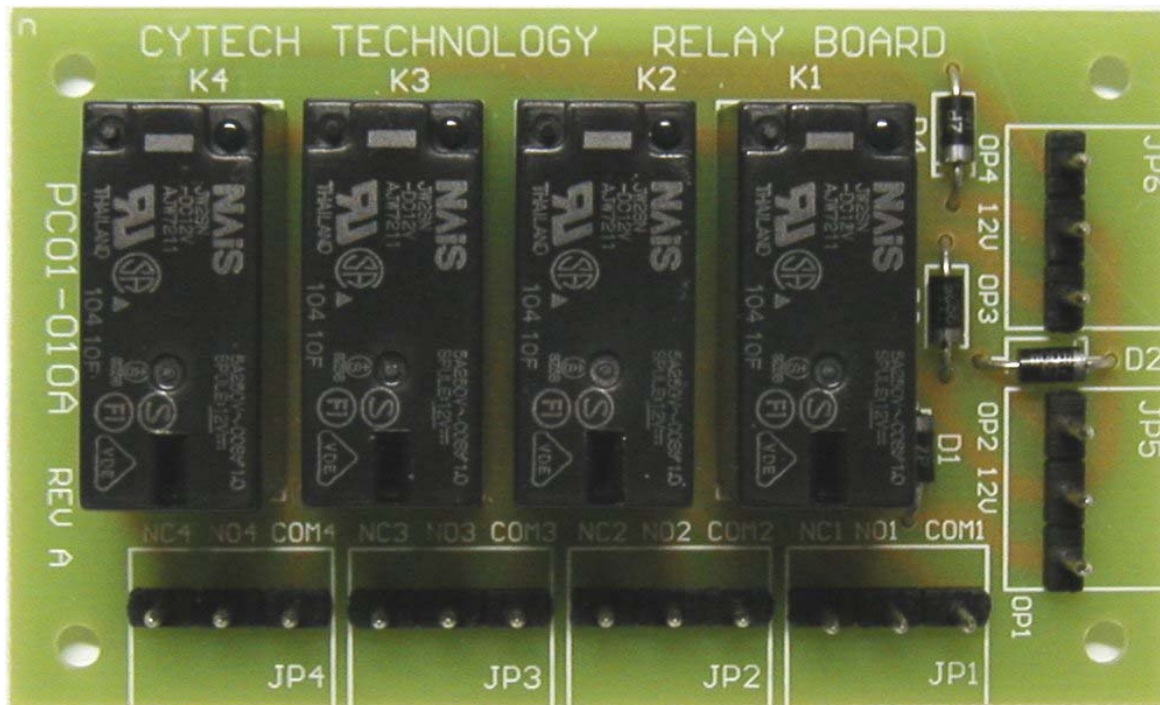


RLY01 Instructions



The RLY01 is shown above without the plug-in 3 pin terminal blocks JP1 to JP4. RLY01 consists of 4 relays which can be used with Comfort Outputs to provide normally Open or Normally closed contacts. The RLY01 is meant for low voltage applications and should NOT be used to switch mains voltage (110V or 230V). The TWS01 and TWS02 Lighting Control Module can be used for mains switching.

Physical:

PCB size: 88 x 53 mm
Mounting Holes: 78 x 43 mm (M3 holes 5 mm from each corner)
Weight: 100 grams

Relay Ratings

Arrangement: 1 Form C
Max Switching Current: 2A
Max Switching Voltage: 30 V AC/DC (not to exceed 240 Volts)
Insulation Resistance: 1000 MegaOhm min at 500 VDC
Breakdown Voltage:
 Between Open Contacts: 1000 VRMS for 1 minute
 Between contact and coil: 5000 VRMS for 1 minute
Expected Life:
Electrical : 100,000 cycles (at 1,800 operations/hr) under rated load
Mechanical: 10,000,000 cycles min (at 18,000 operations/hr)
Coil : Controlled by the Comfort Control Panel Output
12V DC 44mA

Connectors

OP1-12V-OP2

These are the inputs of the K1 and K2 relays. Connect OP and 12V to any Output and 12V terminal of Comfort, Local Expansion Module or Slave Expansion Module

OP3-12V-OP4

These are the inputs of the K3 and K4 relays. Connect OP and 12V to any Output and 12V terminal of Comfort, Local Expansion Module or Slave Expansion Module

NO1-NC1-COM1

These are the Relay Contacts of the K1 Relay. NO1 and COM1 are the Normally Open contacts. NC1 and COM1 are the normally Closed Contacts.

NO2-NC2-COM2

These are the Relay Contacts of the K2 Relay. NO2 and COM2 are the Normally Open contacts. NC2 and COM2 are the normally Closed Contacts

NO3-NC3-COM3

These are the Relay Contacts of the K3 Relay. NO3 and COM3 are the Normally Open contacts. NC3 and COM3 are the normally Closed Contacts.

NO4-NC4-COM4

These are the Relay Contacts of the K4 Relay. NO4 and COM4 are the Normally Open contacts. NC4 and COM4 are the normally Closed Contacts