



Description:

ALLNET 4duino Solid Stay Relay is a small high-power solid-state relays, input control voltage is 3-32VDC, output adopts a unidirectional thyristor reverse parallel, dv/dt resistant ability is high, the output load voltage range of 40-480VAC. Great to meet customers various requirements in different places. The product adopts the photoelectric isolation between input and output, the medium voltage up to 4000VAC.

ALLNET 4duino Solid Stay Relay of solid state relay is widely used in electric furnace temperature control, rubber and plastics machinery, printing machinery, packaging machinery, fountain control, CNC machine, stage lighting and other industrial automation field.

- High level action
- Low level cut-off
- Control panel: input 3-32V power supply input: 3-32V
- FR-4 Fiber glass PCB (Double Layer).
- PCB thickness: 1.6mm.

Characteristic:

The photoelectric isolation

The 4000V dielectric withstanding voltage

The zero or random conducting switch

The PCB type installation

The SCR output

Have extremely high surge current capability

Built in RC absorption circuit

It can provide LED indicate the working state of products

Environmental friendly (in line with the ROHS requirements)

Input (control) parameters (TA=25°C)

Input voltage range (DC) 3-32VDC

Ensure that the turn-on voltage (DC) 3.0VDC?

Ensure that the turn-off voltage (DC) 1.0VDC

Input current (typical) 18mA

Input current (max) 25mA

Reverse polarity voltage (DC) -32VDC

Output (load) parameters (TA=2°C)

Output voltage range: 40~480VAC

Maximum transient voltage: 800Vpk?

Maximum output current : 1Ma'

Maximum output voltage: 1.5Vrms;

Maximum load current: 5A

Maximum surge current (10ms): Rated current of 20 times

The minimum power factor: 0.5;

Minimum working current: 50MA

https://github.com/fixedd/RPi_Relay_Interface#readme