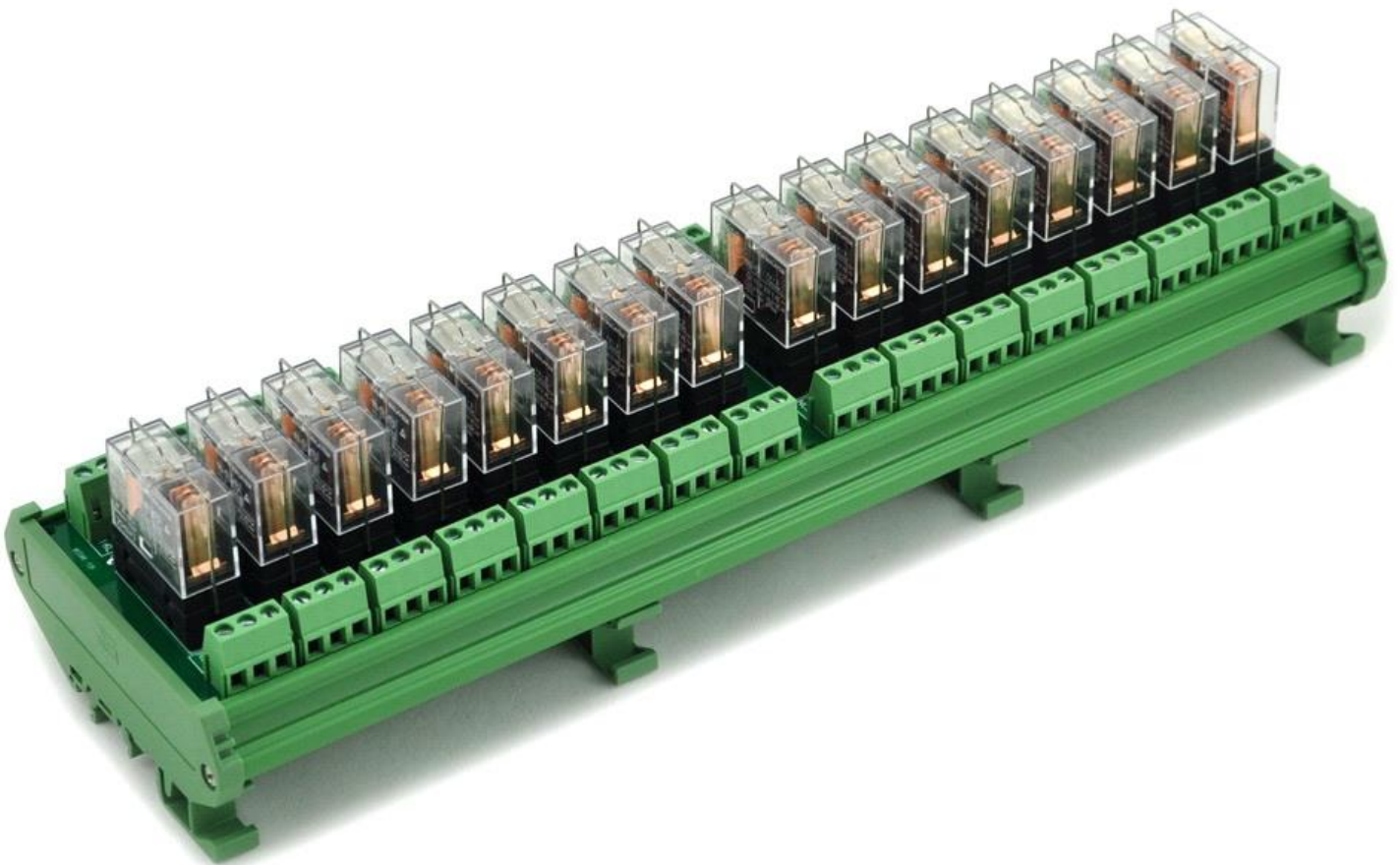


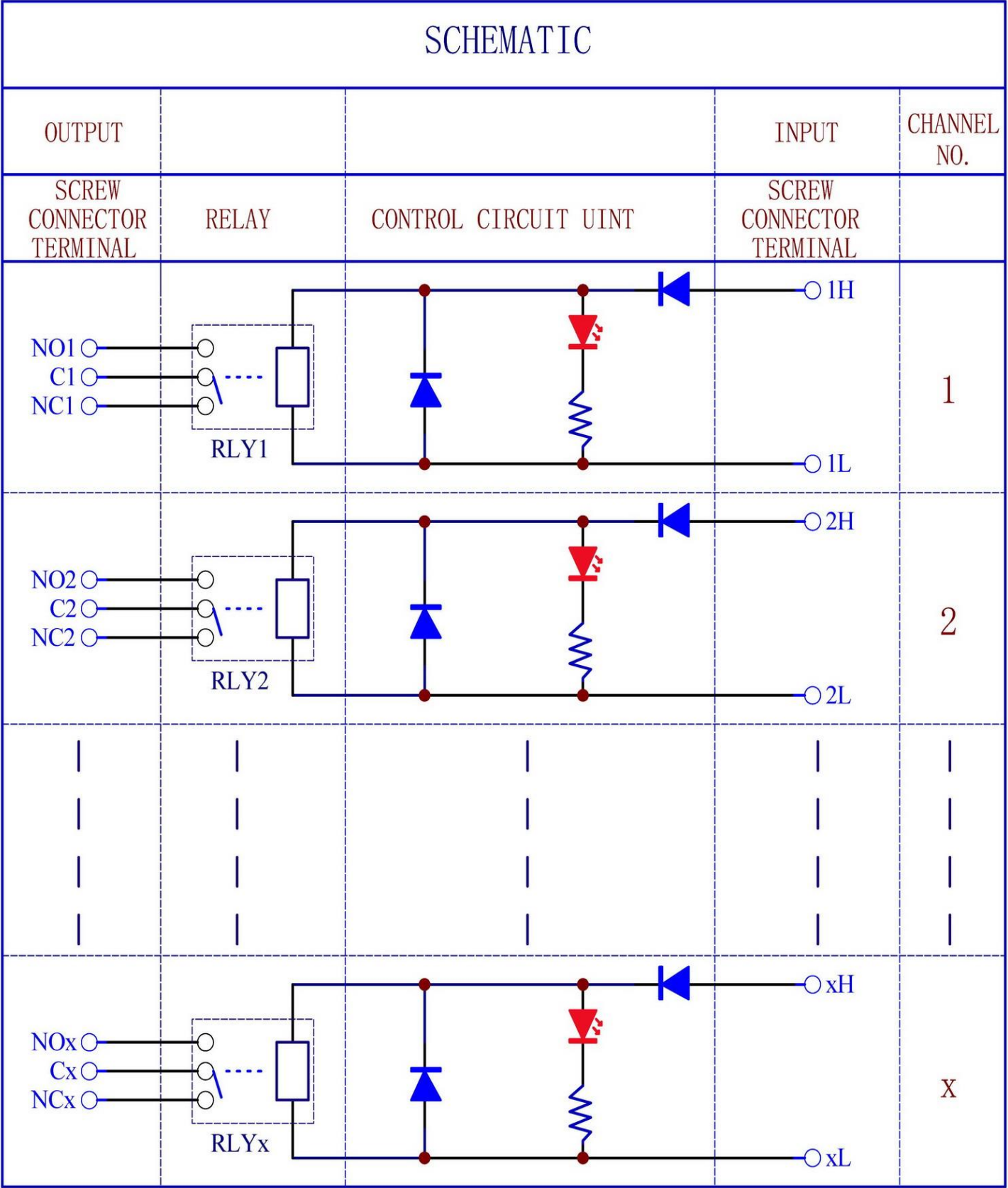
CZH-LABS

Electronics-Salon

16 SPDT 16Amp Pluggable Power Relay Module
Model: D-231 Series



Schematic:



Feature:

- Omron G2R-1-E industrial power relays, switching current up to 16A at 250VAC (or 30VDC).
- LED indicator for each relay channel.
- Relay coil protection by means of a freewheeling diode.
- Easy to replace pluggable relays.
- High quality screw terminal block.
- FR-4 fiber glass PCB, dual copper layers.
- Panel mount or DIN rail mount versions are available. Taiwan DINKLE fireproof nylon material DIN rail mount carrier (not China low quality carrier), can support width 35mm / 32mm / 15mm rail, and the carrier can be taken apart for panel mount use.

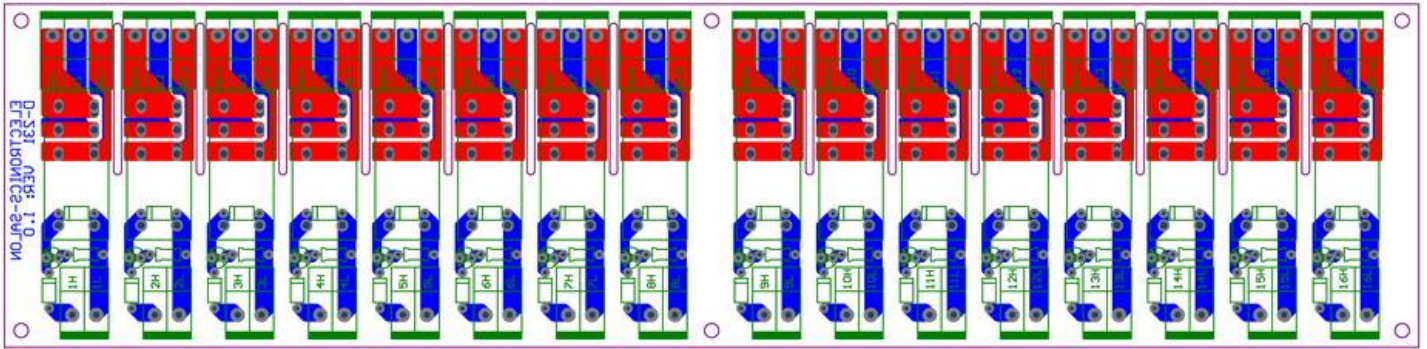
Version List:

Part Number	Mount Type	Standard Operating Voltage
MD-D231/5V-1	Panel mount	5V DC
MD-D231T/5V-1	DIN rail mount	
MD-D231/12V-1	Panel mount	12V DC
MD-D231T/12V-1	DIN rail mount	
MD-D231/24V-1	Panel mount	24V DC
MD-D231T/24V-1	DIN rail mount	
MD-D231/48V-1	Panel mount	48V DC
MD-D231T/48V-1	DIN rail mount	

Characteristic Parameters:

Operating voltage (coil)				
Voltage version	5V	12V	24V	48V
Relay part number	G2R-1-E 5VDC	G2R-1-E 12VDC	G2R-1-E 24VDC	G2R-1-E 48VDC
Operating voltage range (one channel)	4.0~9.0VDC	9.0~21VDC	18~40VDC	35~80VDC
Operating current (one channel)	75mA	35mA	20mA	10mA
Output (relay switch) contact rating				
For AC	Resistive load: 250VAC, 16Amp Inductive load: 250VAC, 8Amp			
For DC	Resistive load: 30VDC, 16Amp Inductive load: 30VDC, 8Amp			

Wire Connect:



xH: Relay coil operating voltage positive.

xL: Relay coil operating voltage negative.

NOx: Relay switch normally open terminal.

NCx: Relay switch normally close terminal.

Cx: Relay switch common terminal.

Terminal Block:

Pitch 5.0mm/0.197" screw terminal block.

Wire range 24AWG ~ 12AWG / 2.5mm²

Strip length 7mm.

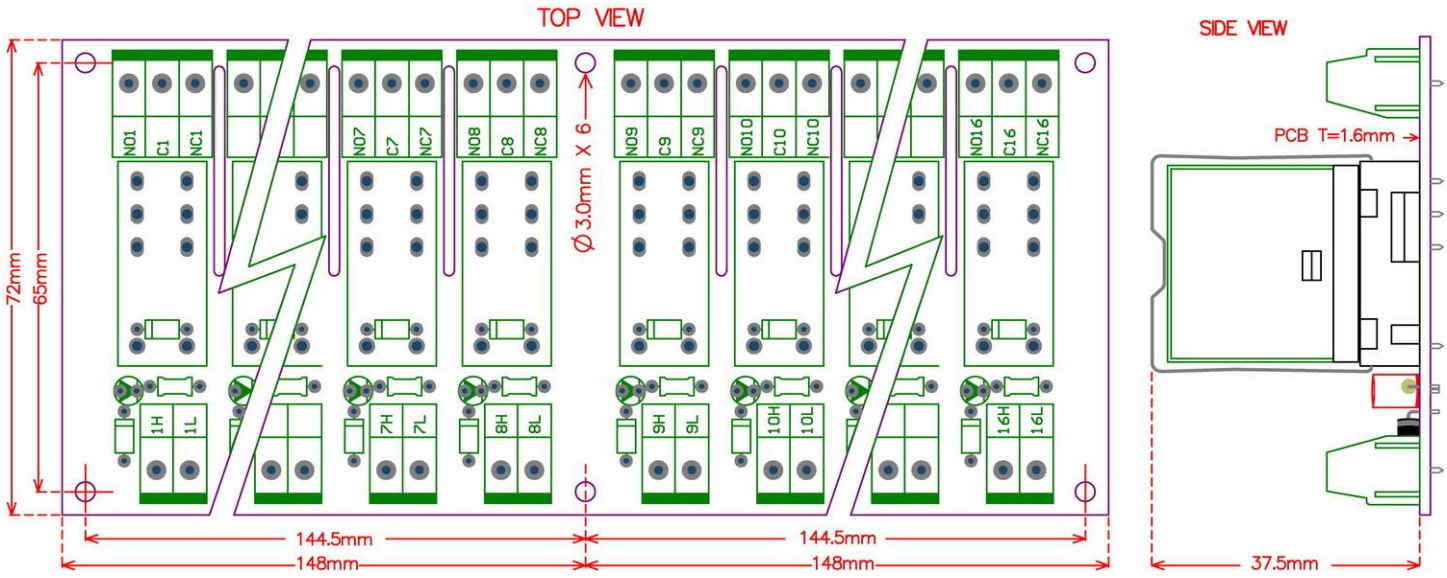
Screws - M2.5, steel, Cr3+ Zn plated.

Pin header and Cage - Brass.

<http://www.electronics-salon.com>
451458699@qq.com

Dimensions:

Panel mount



DIN rail mount

