CZH-LABS Electronics-Salon

16 SPDT 10Amp Power Relay Module Model: D-11H Series



Schematic: SCHEMATIC CHANNEL **OUTPUT INPUT** NO. SCREW SCREW RELAY CONTROL CIRCUIT UINT CONNECTOR CONNECTOR TERMINAL TERMINAL -O VCC **POWER SUPPLY** -O GND OIN1 NO10-C10-1 -O GND NC1 O-RLY1 OIN2 NO2O-C2 O-2 NC2 O-RLY2 -O INx NOx O-Cx O-X NCx O-**RLY**x

Dimensions: Panel mount W SIDE VIEW 0 N016 C16 . NC16 N015 C15 . NC15 NO14 C14 . . NC14 • NO13 • C13 • • NC13 • N012 • C12 • • NC12 . . C11 • NC11 NO10 C10 . N09 . C9 • TOP VIEW NC9 0 0 N08 . . C8 NC8 C7 . NC7 C6 NC6 . C5 . N04 • • • . NC4 N03 . . C3 . NC3 N02 . _mmc.ca -72.5mm

DIN rail mount NCI • 13 • ION NCS • CS NOS 1C3 . 63 NC+ • • NCE . 90 SON 9DN 90 90N NCS . 23 20N . 0 83 80N TOP VIEW 0 0 . 60N • 60 60N CIO • 010 OTON . NC11 • 113 IION NCI S . SIS . NCI 3 213 1013 FION • 913 SION 0 910 910N

Feature:

- 16 SPDT 10Amp power relays.
- LED indicator for each relay channel.
- Darlington transistor drive relay coil (for 5V / 12V / 24V versions).
- 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.

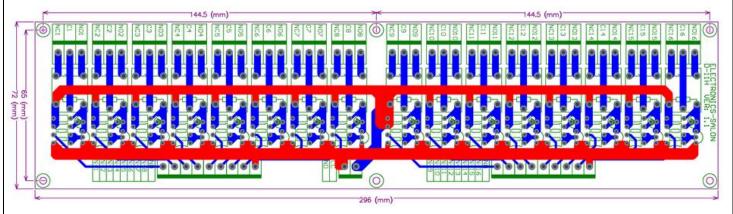
Version List:

Part Number	Mount Type	Standard Operating Voltage	
MD-D11H/5V-1	Panel mount	5V DC	
MD-D11H T/5V-1	DIN rail mount		
MD-D11H /12V-1	Panel mount	12V DC	
MD-D11H T/12V-1	DIN rail mount		
MD-D11H /24V-1	Panel mount	24V DC	
MD-D11H T/24V-1	DIN rail mount		
MD-D11H /48V-1	Panel mount	48V DC	
MD-D11H T/48V-1	DIN rail mount		

Characteristic Parameters:

Operating voltage						
Voltage version	5V	12V	24V	48V		
Operating voltage range	3.8~7.5VDC	9~18VDC	18~36VDC	36~60VDC		
Operating current (relay all action)	1440mA	800mA	560mA	160mA		
Operating current (relay all no action)	0mA					
Control signal input						
Low level (Relay no action)	0V ~ 0.5V					
High level (Relay action)	2.5V ~ 24V					
High level current	0.1mA@2.5V			0.4mA@2.5V		
	0.4mA@5V 1.0mA@5V					
	1.1mA@12V		2.4mA@12V			
	2.2mA@24V			5.0mA@24V		
Output (relay switch) contact rating						
For AC	125/250 VAC, 10Amp					
For DC	30VDC, 5Amp					

Wire Connect:



VCC: Operating power supply input (V+). GND: Operating power supply 0V(ground). GND: Control signal input 0V(ground).

IN-x: Control signals input.

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.

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