

DC-Powered Relay Modules

Our DC-powered relay modules provide isolation, switch high current (10A) loads, are offered in 8 or 16 points, and include diode protection to prevent voltage spikes at the relay coil from damaging connected PLC I/O modules.

Modules mount on 35 mm DIN rail part #DN-R35S1 (see Accessories below).

Note: Relays included.



ZL-CM08RL24



ZL-CM16RL24A

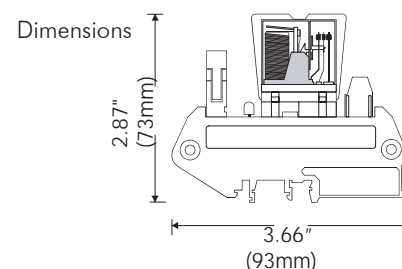
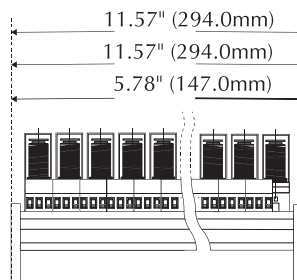


ZL-CM16RL24B

Specifications									
DC Relay Modules	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg
		ZL-CM08RL24	1	<-->	ZL-CM16RL24A	1	<-->	ZL-CM16RL24B	1
Description	8-channel relay module w/LEDs			16-channel relay module w/LEDs, 20 pin IDC			16-channel relay module w/LEDs, 24 pin IDC		
Approvals	UL/CUL/CE			UL/CUL/CE			UL/CUL/CE		
Operating Range, Coil	19.4-26.4 VDC			19.4-26.4 VDC			19.4-26.4 VDC		
Input Current per Channel	25mA ±5%			25mA ±5%			25mA ±5%		
Coil Supply Voltage	24VDC±5%			24VDC±5%			24VDC±5%		
Coil Supply Current Max	200mA (total 8 modules)			400mA (total 16 modules)			400mA (total 16 modules)		
Pickup Current	16.7mA			16.7mA			16.7mA		
OFF to ON/ON to OFF Response	15ms/5ms			15ms/5ms			15ms/5ms		
Switching Speed	60Hz			60Hz			60Hz		
Terminal Block Contact	Copper alloy, tin-lead plating								
Contact Type	1 Form C (SPDT)			1 Form C (SPDT)			1 Form C (SPDT)		
Contact Voltage (per point)	250VAC/30VDC			250VAC/30VDC			250VAC/30VDC		
Contact Current (per point)	10A			10A			10A		
Life Mechanical Contact	2x10 ⁶			2x10 ⁶			2x10 ⁶		
Maximum Switching Voltage	400VAC 125VDC			400VAC 125VDC			400VAC 125VDC		
Maximum Current for Relay	10A			10A			10A		
Maximum Power, Inductive	AC 1500VA, DC 150W			AC 1500VA, DC 150W			AC 1500VA, DC 150W		
Maximum Power, Resistive	AC 2500VA, DC 300W			AC 2500VA, DC 300W			AC 2500VA, DC 300W		
Minimum Load	100mA 5VDC			100mA 5VDC			100mA 5VDC		
Channel to Channel/Contact Isolation	1000VAC (up to 1 min.)			1000VAC (up to 1 min.)			1000VAC (up to 1 min.)		
Coil/Contact Isolation	2500VAC (up to 1min.)			2500VAC (up to 1min.)			2500VAC (up to 1min.)		
Operating Temperature	-10°C to +45°C			-10°C to +45°C			-10°C to +45°C		
Dimensions (L x W x H)	5.78"x3.66"x 2.87"			11.574 x3.66"x 2.87"			11.57"x3.66"x2.87"		

Accessories									
	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg
DIN Rail	DN-R35S1	10	<-->	DN-R35S1	10	<-->	DN-R35S1	10	<-->
Angled Support Bracket	DN-ASB1	50	<-->	DN-ASB1	50	<-->	DN-ASB1	50	<-->
End Bracket	DN-EB35	50	<-->	DN-EB35	50	<-->	DN-EB35	50	<-->
Slotted Screwdriver	DN-SS1	1	<-->	DN-SS1	1	<-->	DN-SS1	1	<-->
DC Relays (24VDC)	ZL-RELAY-24	10	<-->	ZL-RELAY-24	10	<-->	ZL-RELAY-24	10	<-->
Relay Kit	ZL-RELAY-KIT	10	<-->	ZL-RELAY-KIT	10	<-->	ZL-RELAY-KIT	10	<-->

ZL-CM16RL24A
ZL-CM16RL24B
ZL-CM08RL24



Note: See wiring details on our Web site at:
<http://www.automationdirect.com/static/manuals/ziplinks/ziplinks.html>