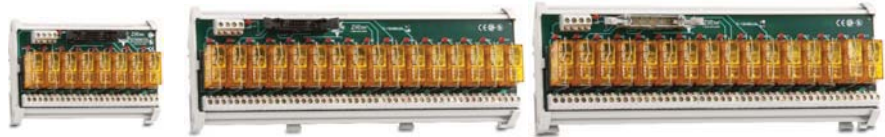


# AC-Powered Relay Modules

Our AC-powered relay modules provide isolation, switch high current (10A) loads, are offered in 8 or 16 points.

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



ZL-CM08RL120

ZL-CM16RL120A

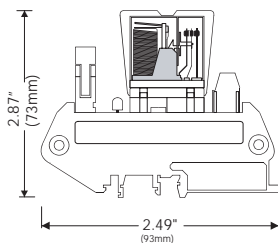
ZL-CM16RL120B

Note: Relays included.

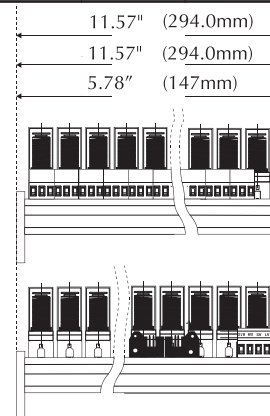
Note: Not compatible with D0-05DR (-D) or D0-06DR (-D)

Specifications									
AC Powered Relay Modules	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg
	ZL-CM08RL120	1	<--->	ZL-CM16RL120A	1	<--->	ZL-CM16RL120B	1	<--->
<b>Description</b>	8-channel relay module w/LEDs, 120VAC, 20-pin IDC			16-channel relay module w/LEDs, 120VAC, 20-pin IDC			16-channel relay module w/LEDs, 120VAC, 24-pin IDC		
<b>Approvals</b>	UL,CUL,CE			UL,CUL,CE			UL,CUL,CE		
<b>Contact Type</b>	1 Form C (SPDT)			1 Form C (SPDT)			1 Form C (SPDT)		
<b>Contact Rated Current</b>	10A			10A			10A		
<b>Terminal Block Contacts</b>	Copper alloy, tin-lead plating								
<b>Maximum Switching Voltage</b>	400VAC			400VAC			400VAC		
<b>Material Contact</b>	Ag/Ni			Ag/Ni			Ag/Ni		
<b>Contact Voltage (per point)</b>	250VAC/30VDC			250VAC/30VDC			250VAC/30VDC		
<b>Max Power, Inductive</b>	AC 1500VA, DC 150W			AC 1500VA, DC 150W			AC 1500VA, DC 150W		
<b>Max Power, Resistive</b>	AC 2500VA, DC 300W			AC 2500VA, DC 300W			AC 2500VA, DC 300W		
<b>Minimum Load</b>	100mA 5VDC			100mA 5VDC			100mA 5VDC		
<b>Mechanical Life</b>	2X10 <sup>6</sup> cycles			2X10 <sup>6</sup> cycles			2X10 <sup>6</sup> cycles		
<b>Coil/Contact Isolation</b>	2000Vrms (up to 1min)			2000Vrms (up to 1min)			2000Vrms (up to 1min)		
<b>Input Voltage</b>	88-130VAC 50-60Hz			88-130VAC 50-60Hz			88-130VAC 50-60Hz		
<b>Total Input Current</b>	60mA			60mA			15mA		
<b>Coil Supply Voltage</b>	120VAC -20%/+10%, 50-60hz			120VAC -20%/+10%, 50-60hz			120VAC -20%/+10%, 50-60hz		
<b>Operate/Release Time</b>	15ms/10ms			15ms/10ms			15ms/10ms		
<b>LED Indicator Current</b>	2mA			2mA			2mA		
<b>Operating Temperature</b>	-10°C to +45°C			-10°C to +45°C			-10°C to +45°C		
<b>Dimensions (L x W x H)</b>	5.78"x2.30"x2.87" (With Relay)			11.57"x2.30"x2.87" (With Relay)			11.57"x2.30"x2.87" (With Relay)		
Accessories									
	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg
<b>DIN Rail</b>	DN-R35S1	10	<--->	DN-R35S1	10	<--->	DN-R35S1	10	<--->
<b>Angled Support Bracket</b>	DN-ASB1	50	<--->	DN-ASB1	50	<--->	DN-ASB1	50	<--->
<b>End Bracket</b>	DN-EB35	50	<--->	DN-EB35	50	<--->	DN-EB35	50	<--->
<b>Slotted Screwdriver</b>	DN-SS1	1	<--->	DN-SS1	1	<--->	DN-SS1	1	<--->
<b>AC Relays (120VAC)</b>	ZL-RELAY-120	10	<--->	ZL-RELAY-120	10	<--->	ZL-RELAY-120	10	<--->

Dimensions



ZL-CM16RL120A  
ZL-CM16RL120B  
ZL-CM08RL120



Note: See wiring details on our Web site at:

<http://www.automationdirect.com/static/manuals/ziplinks/ziplinks.html>