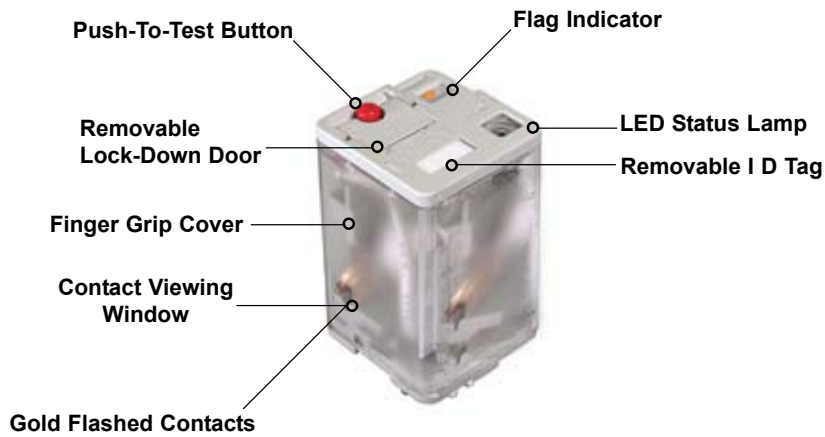


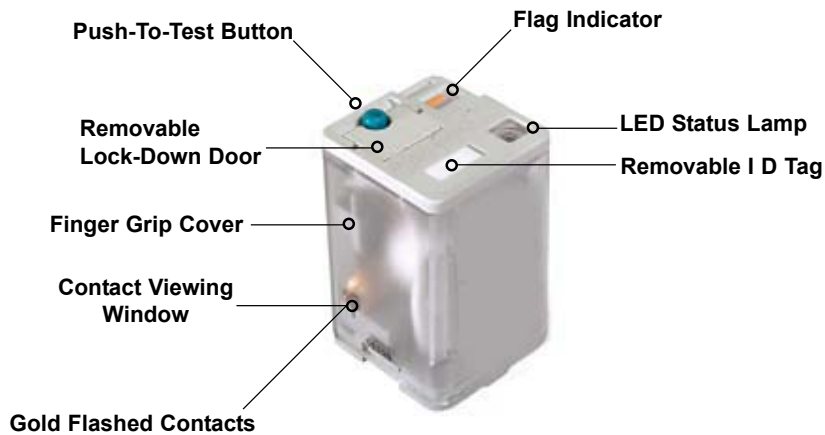
MCY937 Series Octal Relays



MCY937-41



MCY937-43



General Specifications

Contact Characteristics		Units	MCY937-41	MCY937-43
Number and Type of Contacts	-	-	3PDT	DPDT
Contact Material	-	-	Silver Alloy	
Thermal (Carrying) Current	-	A	16	
Maximum Switching Voltage	-	V	300	
Switching Current at Voltage	-	Resistive	16 A at 277 V 50 / 60 Hz	
	-	Resistive	16 A at 120 V 50 / 60 Hz	
	-	Resistive	16 A at 28 V	



MCY937 Series Octal Relays



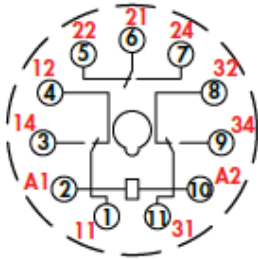
General Specifications

Contact Characteristics		Units	MCY937-41	MCY937-43
Switching Current at Voltage	-	HP	1/3 at 120 V ac	
	-	HP	1/2 at 240 V ac	
	-	Pilot Duty	B300	
Current Rating with Magnetic Blowout - Code 69	-	A	-	3 at 150 V dc
Minimum Switching Requirement	-	mA	100 at 5 V dc (0.5 W)	
Coil Characteristics				
Operating Range	% of Nominal	-	85% to 110%	
	-	-	80% to 110%	
Average Consumption	-	VA	3	
	-	W	1.4	
Drop-out Voltage Threshold	-	-	15%	
	-	-	10%	
Performance Characteristics				
Electrical Life	Operations at Rated Current	(Resistive)	100,000	
Mechanical Life	Unpowered	-	5,000,000	
Operating Time (Response Time)	-	ms	20	
Dielectric Strength	Between Coil and Contact	V rms	1,500	
	Between Poles	V rms	1,500	
	Between Contacts	V rms	1,500	
Environment				
Ambient Air Temperature Around the Device	Storage	°C	-40 to +85	
	Operation	°C	-40 to +55	
Vibration Resistance	Operational	g-n	3, 10 - 55 Hz	
Shock Resistance	-	g-n	10	
Degree of Protection	-	-	IP 40	
Weight	-	g	89	

MCY937 Series Octal Relays



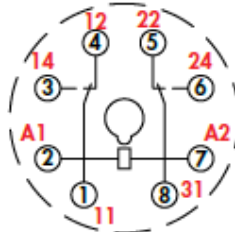
MCY937-41



NEMA
IEC

Wiring Diagram
Bottom View

MCY937-43

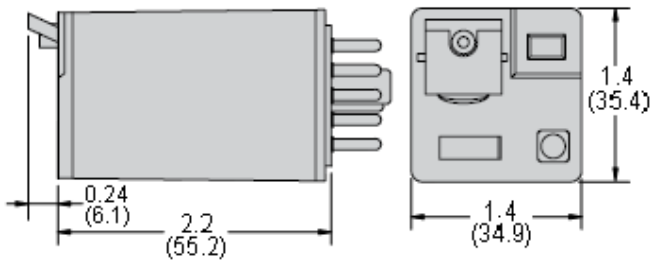


NEMA
IEC

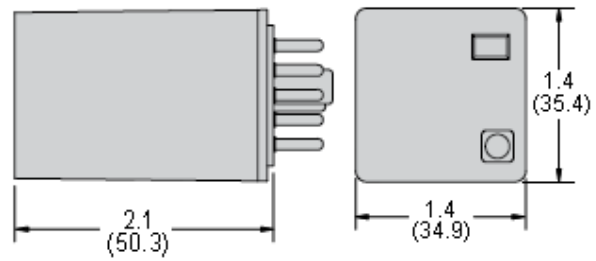
Wiring Diagram
Bottom View

MCY937-41

Full Featured Dimensions



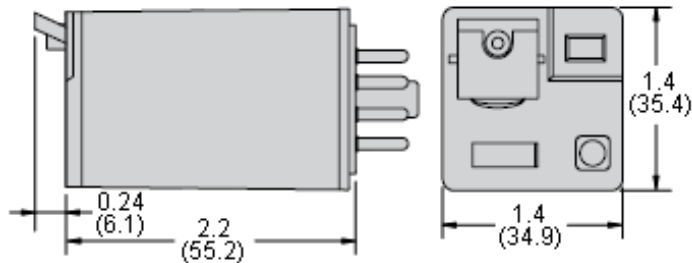
Plain Cover Dimensions



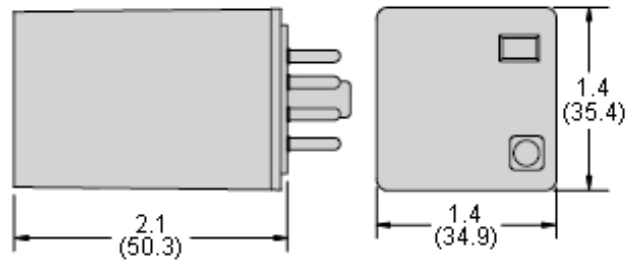
Dimensions : Inches (Millimetres)

MCY937-43

Full Featured Dimensions



Plain Cover Dimensions



Dimensions : Inches (Millimetres)



MCY937 Series Octal Relays



MCY937-43



Full Featured



Plain Cover

MCY937-41



Full Featured



Plain Cover

Specification Table

Nominal Voltage	Coil Resistance	3PDT Part Number	3PDT Part Number	Pins
		(Full Feature) 16 Amperes	(Plain Cover) 16 Amperes	
AC Operated				
24 V ac 50 / 60 Hz	72 Ohms	MCY937-41R-24 A	MCY937-41C-24 A	11
120 V ac 50 / 60 Hz	1,700 Ohms	MCY937-41R-120 A	MCY937-41C-120 A	
240 V ac 50 / 60 Hz	7,200 Ohms	MCY937-41R-240 A	MCY937-41C-240 A	
DC Operated				
12 V dc	120 Ohms	MCY937-41R-12 D	MCY937-41C-12 D	11
24 V dc	470 Ohms	MCY937-41R-24 D	MCY937-41C-24 D	
110 V dc	10,000 Ohms	MCY937-41R-110 D	MCY937-41C-110 D	

MCY937 Series Octal Relays



Specification Table

Nominal Voltage	Coil Resistance	DPDT Part Number	DPDT Part Number	Pins
		(Full Feature) 16 Amperes	(Plain Cover) 16 Amperes	
AC Operated				
24 V ac 50 / 60 Hz	72 Ohms	MCY937-43R-24 A	MCY937-43C-24 A	8
120 V ac 50 / 60 Hz	1,700 Ohms	MCY937-43-120 A	-	
240 V ac 50 / 60 Hz	7,200 Ohms	MCY937-43R-240 A	MCY937-43C-240 A	
DC Operated				
12 V dc	120 Ohms	MCY937-43R-12 D	MCY937-43C-12 D	8
24 V dc	470 Ohms	MCY937-43-24 D	-	
110 V dc	10,000 Ohms	MCY937-43R-110 D	MCY937-43C-110 D	

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