

Hermetic Octal Relays

multicomp[®]

MCY936 Series

MCY936-41



Gold Flashed Contacts
Sealed for wash-down conditions

MCY936-43



Gold Flashed Contacts
Sealed for wash-down conditions



**RoHS
Compliant**

General Specifications

Contact Characteristics		Units	MCY936-41	
Number and Type of Contacts	-	-	3PDT	DPDT
Contact Material	-	-	Silver Alloy	
Thermal (Carrying) Current	-	A	12	
Maximum Switching Voltage	-	V	300	
Switching Current at Voltage	-	General Purpose	12 A at 240 V 50 / 60 Hz	
	-	General Purpose	12 A at 120 V 50 / 60 Hz	
	-	Resistive	12 A at 28 V	
	-	HP	1/3 at 120 V ac	
	-	HP	1/2 at 240 V ac	
	-	Pilot Duty	B300	
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	2	1.2
	-	W	1.2	0.9
Drop-out Voltage Threshold	-	-	15%	
	-	-	10%	
Performance Characteristics				
Electrical Life	Operations at Rated Current	-	100,000	

Hermetic Octal Relays

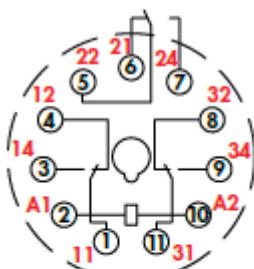
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MCY936 Series

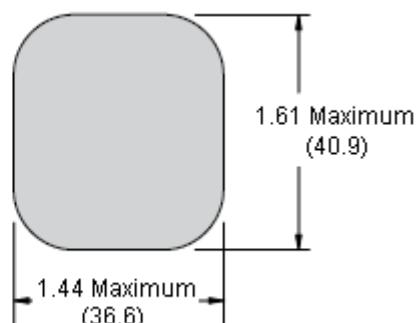
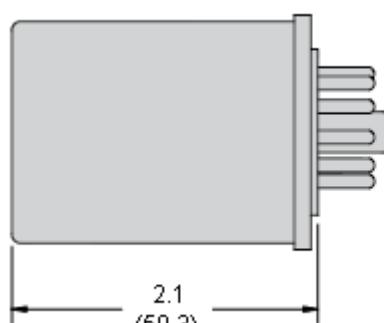
General Specifications

Performance Characteristics		Units	MCY936-41	MCY936-43
Mechanical Life	Unpowered	-		10,000,000
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 67
Weight	-	g		130

MCY936-41

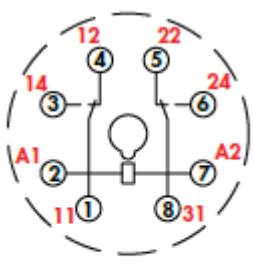


Wiring Diagram
Bottom View

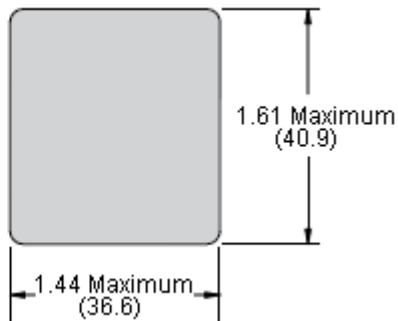
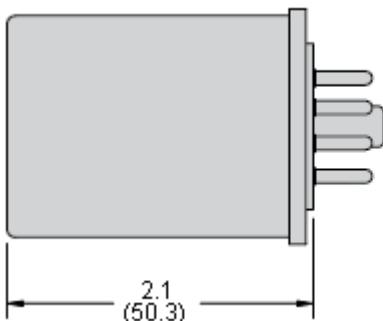


Dimensions : Inches (Millimetres)

MCY936-43



Wiring Diagram
Bottom View



Dimensions : Inches (Millimetres)

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MCY936 Series

MCY936-41
11-Pins



MCY936-43
8-Pins



Specification Table

Nominal Voltage	Coil Resistance	3PDT Part Number	Pins
		12 Amperes	
AC Operated			
24 V ac 50 / 60 Hz	72 Ohms	MCY936-41-24 A	11
120 V ac 50 / 60 Hz	1,700 Ohms	MCY936-41-120 A	
240 V ac 50 / 60 Hz	7,200 Ohms	MCY936-41-240 A	
DC Operated			
12 V dc	120 Ohms	MCY936-41-12 D	11
24 V dc	470 Ohms	MCY936-41-24 D	
110 V dc	10,000 Ohms	MCY936-41-110 D	
Nominal Voltage	Coil Resistance	DPDT Part Number	Pins
		12 Amperes	
AC Operated			
24 V ac 50 / 60 Hz	72 Ohms	MCY936-43-24 A	8
120 V ac 50 / 60 Hz	1,700 Ohms	MCY936-43-120 A	
240 V ac 50 / 60 Hz	7,200 Ohms	MCY936-43-240 A	
DC Operated			
12 V dc	120 Ohms	MCY936-43-12 D	8
24 V dc	470 Ohms	MCY936-43-24 D	
110 V dc	10,000 Ohms	MCY936-43-110 D	

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