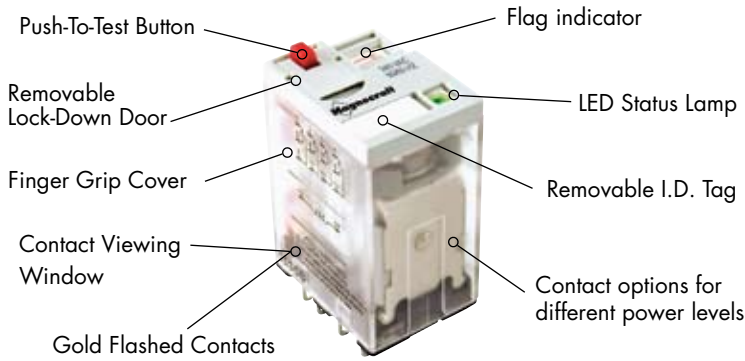
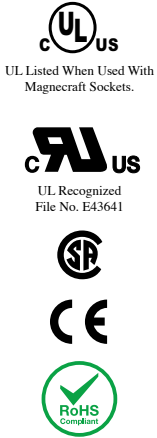
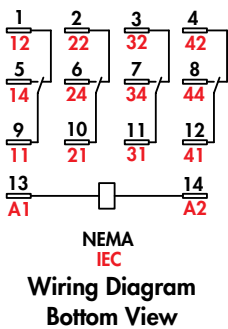


# 782 Ice Cube Relays/4PDT, 3-10 Amp Rating (DC & AC)

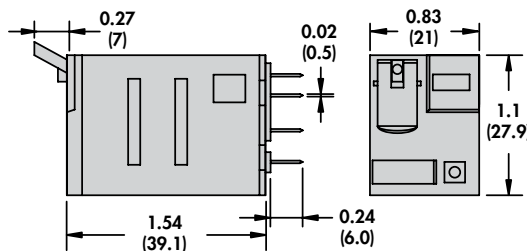


General Specifications		(UL 508)	782XDX1	782XDX2	782XDX3	
<b>Contact Characteristics</b>			<b>Units</b>	<b>Low Level</b>	<b>Standard</b>	<b>Low Level</b>
Number and type of Contacts				4PDT	4PDT	4PDT
Contact materials			Fine Silver, Gold Diffused	Silver Alloy	Bifurcated	
Thermal (Carrying) Current		A	3	10	3	
Maximum Switching Voltage		V	240	300	240	
Switching Current @ Voltage	~	Resistive	3A @120V 50/60Hz	10A @120V 50/60Hz	3A @120V 50/60Hz	
	~	Resistive	3A @240V 50/60Hz	8A @277V 50/60Hz	3A @240V 50/60Hz	
	~	Resistive	3A @30V	8A @28V	3A @30V	
		HP	1/10 @120VAC	1/3 @120VAC	1/16 @120VAC	
		HP	1/10 @240VAC	1 @277 VAC		
		Pilot Duty	C300	B300		
Minimum Switching Requirement		mA	3 @17VDC (.04W)	100 @5VDC (.5W)	3 @17VDC (.04W)	
<b>Coil Characteristics</b>						
Voltage Range	~	V	6...240	6...240	6...240	
	~	V	6...125	6...125	6...125	
Operating Range	% of Nominal	~	85% to 110%	85% to 110%	85% to 110%	
		~	80% to 110%	80% to 110%	80% to 110%	
Average consumption	~	VA	1.2	1.2	1.2	
	~	W	0.9	0.9	0.9	
Drop-out voltage threshold	~		15%	15%	15%	
	~		10%	10%	10%	
<b>Performance Characteristics</b>						
Electrical Life (UL508)	Operations @ Rated Current	(Resistive)	200,000	200,000	200,000	
Mechanical Life	Unpowered		10,000,000	10,000,000	10,000,000	
Operating time (response time)		ms	20	20	20	
Dielectric strength	Between coil and contact	~	V(rms)	1500	1500	1500
	Between poles	~	V(rms)	1500	1500	1500
	Between contacts	~	V(rms)	1500	1500	1500
<b>Environment</b>						
Product certifications	Standard version		UL, CSA, CE	UL, CSA, CE	UL, CSA, CE	
Ambient air temperature around the device	Storage	°C	-40...+85	-40...+85	-40...+85	
	Operation	°C	-40...+55	-40...+55	-40...+55	
Vibration resistance	Operational	g-n	3, 10 - 55 Hz	3, 10 - 55 Hz	3, 10 - 55 Hz	
Shock resistance		g-n	10	10	10	
Degree of protection			IP 40	IP 40	IP 40	
Weight		grams	36	36	36	

782XDX1, 2, 3



Full Featured Dimensions



Plain Cover Dimensions

