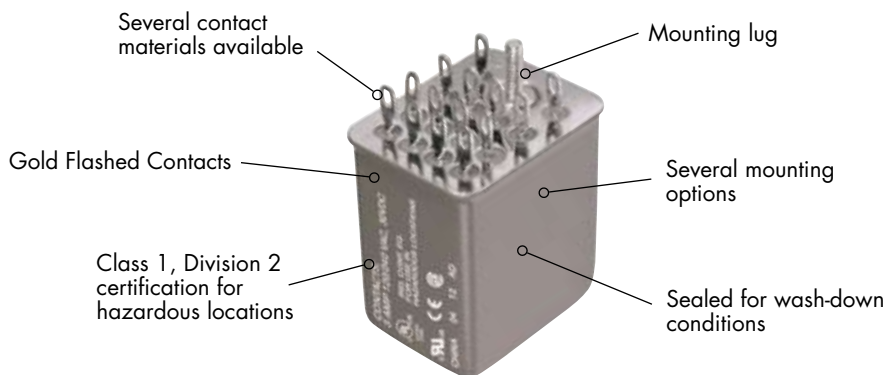


782H Hermetic Ice Cube Relays/DPDT, 4PDT, 1 - 5 Amp Rating (DC & AC)



General Specifications

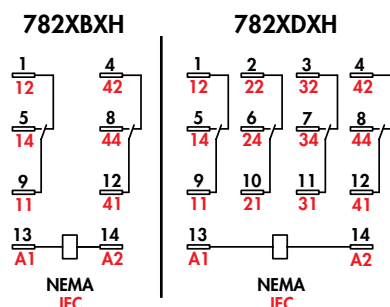
(UL 508)

782BXXH21,
782DXH21

782BXXH10,
782DXH10

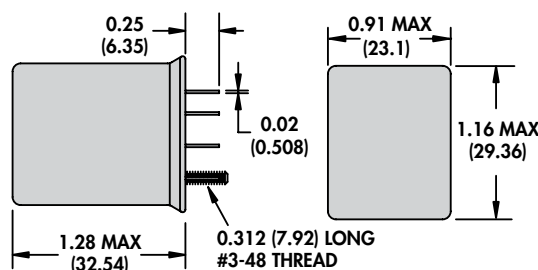
782DXH32

Contact Characteristics		Units	Standard	Low Level	Low Level
Number and type of Contacts			DPDT, 4PDT	DPDT, 4PDT	4PDT
Contact materials			Silver Alloy	Fine Silver	Bifurcated
Thermal (Carrying) Current		A	5	3	1
Maximum Switching Voltage		V	300	300	300
Switching Current @ Voltage		~	Resistive	5A @ 120V 50/60Hz	3A @ 120V 50/60Hz
		~	Resistive	5A @ 240V 50/60Hz	3A @ 240V 50/60Hz
		~	Resistive	5A @ 30V	3A @ 30V
			HP	1/16 @ 120VAC	
			HP	1/10 @ 240VAC	
Minimum Switching Requirement		mA	100 @ 5VDC (.5W)	10 @ 5VDC (.05W)	10 @ 5VDC (.05W)
Coil Characteristics					
Voltage Range		~	V	6....240, 50/60 Hz	6....240, 50/60 Hz
		~	V	6....125	6....125
Operating Range		% of Nominal	~	85% to 110%	85% to 110%
			~	80% to 110%	80% to 110%
Average consumption		~	VA	1.2	1.2
		~	W	0.9	0.9
Drop-out voltage threshold		~		15%	15%
		~		10%	10%
Performance Characteristics					
Electrical Life (UL508)		Operations @ Rated Current		100,000	100,000
Mechanical Life		Unpowered		10,000,000	10,000,000
Operating time (response time)			ms	20	20
Dielectric strength		Between coil and contact	~	Vrms	1240
		Between poles	~	Vrms	1240
		Between contacts	~	Vrms	500
Environment					
Product certifications		Standard version		UL, CSA, CE	UL, CSA, CE
Ambient air temperature around the device		Storage	°C	-40...+85	-40...+85
		Operation	°C	-40...+70	-40...+70
Vibration resistance		Operational	g-n	3, 10 - 55 Hz	3, 10 - 55 Hz
Shock resistance			g-n	10	10
Degree of protection				IP 67	IP 67
Weight			grams	45	45



Wiring Diagrams
Bottom View

782 HERMETIC MOUNTING OPTIONS



OPTIONAL CODE 2
MOUNTING STUD WITH #6-32
THREAD AND ANTI-ROTATION TAB

CODE 4
STUD AND
TAB LOCATION

0.24
(6.12)

0.46 REF.
(11.68)

CODE 3 STUD AND TAB LOCATION

