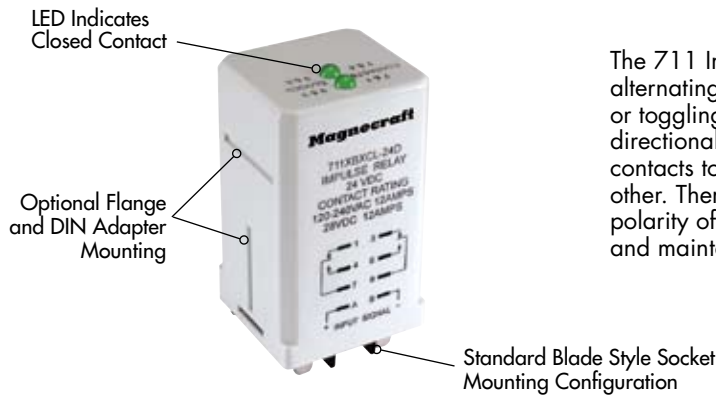


711 Impulse Sequencing Relay/DPDT 12 Amp Rating



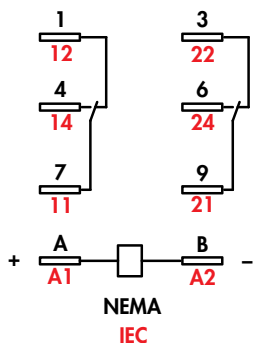
The 711 Impulse Sequencing relay is an alternating relay used for load sharing or toggling ON/OFF of the load. Uni-directional momentary pulses cause the contacts to transfer from one side to the other. There is no need to redirect the polarity of the input in order to change and maintain states.

General Specifications

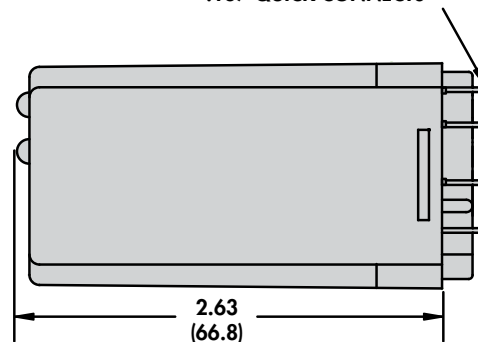
(UL 508)

Contact Characteristics		Units	711XB
Number and type of Contacts			DPDT
Contact materials			Silver Alloy
Thermal (Carrying) Current		A	12
Maximum Switching Voltage		V	300
Switching Current @ Voltage		Resistive	12A @ 240V 50/60Hz
		Resistive	12A @ 28V
		HP	1/3 @ 120 VAC
Minimum Switching Requirement		HP	1/2 @ 240 VAC
		HP	100 @ 5VDC (.5W)
Coil Characteristics			
Voltage Range		~	12....120, 50/60 Hz
		~ ~	12....110
Operating Range	% of Nominal	~	85% to 110%
		~ ~	80% to 110%
Average consumption		~	1.8 VA
		~ ~	1.8 W
Drop-out voltage threshold		~	15%
		~ ~	10%
Performance Characteristics			
Electrical Life (UL508)	Operations @ Rated Current	(Resistive)	100,000
Mechanical Life	Unpowered		10,000,000
Operating time (response time)		ms	35
Dielectric strength	Between coil and contact	~	1500 V(rms)
	Between poles	~	500 V(rms)
	Between contacts	~	1500 V(rms)
Environment			
Product certifications	Standard version		UL
Ambient air temperature around the device	Storage	°C	-40...+85
	Operation	°C	-40...+55
Vibration resistance	Operational	g-n	3, 10 - 55 Hz
Shock resistance		g-n	10
Degree of protection			IP 40
Weight		grams	110

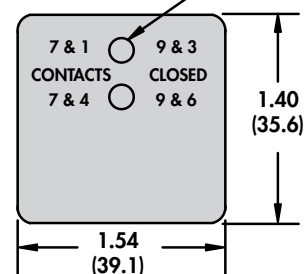
WIRING DIAGRAM



.187 QUICK CONNECTS



INDICATING LEDS





711 Relay with the 70-463-1 Socket

Standard Part Numbers

BOLD-FACED PART NUMBERS ARE NORMALLY STOCKED

Nominal Voltage	Coil Resistance	Part Number (Without LEDs)	Part Number (With LEDs)
AC Operated			
12 VAC 50/60 HZ	70 Ohms	711XBXC-12A	711XBXC-12A
24 VAC 50/60 HZ	220 Ohms	711XBXC-24A	711XBXC-24A
120 VAC 50/60 HZ	5700 Ohms	711XBXC-120A	711XBXC-120A
DC Operated			
12 VDC	70 Ohms	711XBXC-12D	711XBXC-12D
24 VDC	220 Ohms	711XBXC-24D	711XBXC-24D
48 VDC	880 Ohms	711XBXC-48D	711XBXC-48D
110 VDC	5700 Ohms	711XBXC-110D	711XBXC-110D

Other mating sockets see Section 2: 70-788EL1-1, 70-124-1, 70-124-2, 70-178-1, 70-178-2

Relay Adapters



16-711C4
Section 3, p.14-16



16-711C1
Section 3, p.14-16

