Specifications *(continued)*

Part Number	792XDX	792XDX3
Contact Characteristics		
Terminal Style	Blade	Blade
Contact Material	Silver Alloy	Bifurcated
Contact Configuration	4PDT	4PDT
Maximum Switching Current	6 A	3 A
Load Type	Standard	Low Level
Maximum Switching Voltage	300 V	300 V
Rated Operational Current (Conforming to IEC AC1 and DC1)	NO: 6 A at 250 Vac, NC: 3 A at 250 Vac NO: 6 A at 28 Vdc, NC: 3 A at 28 Vdc	NO: 2 A at 250 Vac, NC: 1 A at 250 Vac NO: 2 A at 28 Vdc, NC: 1 A at 28 Vdc
Operational Current (Conforming to UL)	Resistive: 6 A at 277 Vac, 200k cycles Resistive: 8 A at 120 Vac, 200k cycles Resistive: 8 A at 30 Vdc, 200k cycles Motor: 1/3 HP at 120 Vac, 6k cycles Motor: 1/2 HP at 277 Vac, 6k cycles Pilot Duty: B300, 6k cycles	General Purpose: 3 A at 240–277 Vac General Purpose: 3 A at 120 Vac Resistive: 3 A at 30 Vdc Motor: 1/16 HP (2.8 A FLA) at 120 Vac Pilot Duty: 5 A make, 0.5 A break, 3 A continuous at 120 Vac
Minimum Switching Requirement	10 mA at 17 Vdc	3 mA at 5 Vdc
Coil Characteristics		
Maximum Operating Voltage	110% (AC / DC)	110% (AC / DC)
Maximum Pickup Voltage	80% (AC); 80% (DC)	80% (AC); 80% (DC)
Drop-out Voltage Threshold	15% (AC); 10% (DC)	15% (AC); 10% (DC)
Average Consumption	0.9–1.2 VA (AC); 0.8–1.1 W (DC)	0.9–1.2 VA (AC); 0.8–1.1 W (DC)
General Characteristics		
Electrical Life at Rated Load	200,000 operations (where stated)	100,000 (gen. purpose load) operations
Mechanical Life (Unpowered)	10,000,000 operations	10,000,000 operations
Operating Time	25 ms max. at 80% rated coil voltage 20 ms max. at 100% rated coil voltage	25 ms max. at 80% rated coil voltage 20 ms max. at 100% rated coil voltage
Release time	20 ms max. (DC) 35 ms max. (AC)	20 ms max. (DC) 35 ms max. (AC)
Impulse Withstand Voltage	2.5 kV (1.2 / 50 μs)	2.5 kV (1.2 / 50 μs)
Dielectric Strength - Between Coil and Contact (AC)	2000 V(rms)	2000 V(rms)
Dielectric Strength - Between Poles (AC)	1600 V(rms)	1600 V(rms)
Dielectric Strength - Between Contacts (AC)	1300 V(rms)	1300 V(rms)
Ambient Air Temperature around the Device - Storage	-40 to +85 °C (-40 to +185 °F)	-40 to +85 °C (-40 to +185 °F)
Ambient Air Temperature around the Device - Operation	-40 to +55 °C (-40 to +131 °F)	-40 to +55 °C (-40 to +131 °F)
Vibration Resistance - In Operation	3 g-n at 35–150 Hz	3 g-n at 35–150 Hz
Vibration Resistance - Not Operating	5 g-n at 35–150 Hz	5 g-n at 35–150 Hz
Shock Resistance - In Operation	10 g-n	10 g-n
Shock Resistance - Not Operating	30 g-n	30 g-n
Degree of Protection (Housing Only)	IP 40	IP 40
Weight	37 g (1.31 oz)	37 g (1.31 oz)
Agency Approvals	UL with socket, UR (E164862), CE, CSA (225619), RoHS	

Note: Actual product performance may vary depending on application and environmental conditions.

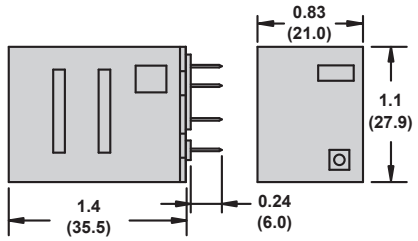
Magnecraft General Purpose Relays

792 Control Series

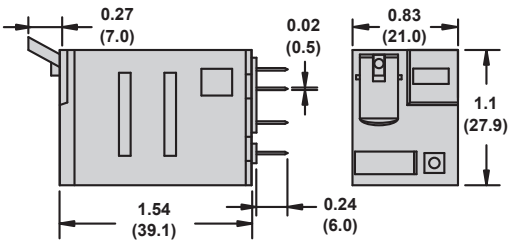
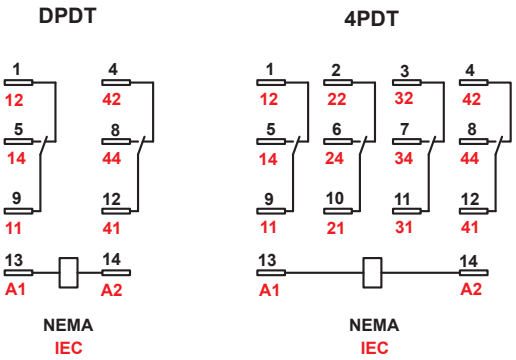
DPDT 12 A; 4PDT 6 A and 3 A

Dimensions — inches (millimeters)

Clear Cover Dimension



Full-Feature Cover Dimension



Wiring Diagrams