



# ZEBAX TECHNOLOGIES

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## ZX320 Relay Module - Specification

**4 SPDT** relays each rated 125VAC 12A, 250VAC 7A, 30VDC 7A

TV-5 rated  
UL File No: E162117  
TUV File No: R50048093  
CQC File No: COQ02001001785

Contact: 1 Form C ( SPDT)  
CM Common  
NC Normally Connected  
NO Normally Open

Max. Switching Power: 1750VA 210W  
Max. Switching Voltage: 250VAC 30VDC  
Max. Switching Current: 15A  
Contact resistance:  $\leq 100\text{m}\Omega$   
Contact Material: Ag Alloy

Electrical life:  $1 \times 10^5$   
Mechanical life:  $1 \times 10^7$   
Operation Time:  $\leq 10\text{msec}$   
Release Time:  $\leq 5\text{msec}$   
Insulation Resistance (Min) 1,000M $\Omega$ , 500VDC  
Dielectric Strength: 50/60Hz 750VAC 1 min. (between open contacts)  
50/60Hz 1500VAC 1min. (between contact and coil)  
Surge Strength: 4,500V(1.2x50 $\mu$ Sec (between contact and coil)  
Vibration Resistance: Malfunction: 10 to 55Hz at double amplitude of 1.5mm  
Ambient Temperature: -35°C ~ +85°C  
Relative Humidity: 85% at 40°C

**8 DPDT** relays rated 125VAC 1A, 32VDC 2A

UL File No: E162117

Contact: 2 Form C ( DPDT )  
CM1 - CM2 Common  
NC1 - NC2 Normally Connected  
NO1 - NO2 Normally Open

Max. Switching Power: 125VAC 60W  
Max. Switching Voltage: 125VAC 30VDC  
Max. Switching Current: 2A  
Contact resistance:  $\leq 100\text{m}\Omega$   
Contact Material: Ag Alloy

Electrical life:  $1 \times 10^5$   
Mechanical life:  $1 \times 10^7$   
Operation Time:  $\leq 6\text{msec}$   
Release Time:  $\leq 3\text{msec}$   
Insulation Resistance (Min) 1,000M $\Omega$ , 500VDC  
Dielectric Strength: 50/60Hz 500VAC 1 min. (between open contacts)  
50/60Hz 1000VAC 1min. (between contact and coil)  
50/60Hz 1000VAC 1 min. (between contact sets)  
Vibration Resistance: Malfunction: 10 to 55Hz at double amplitude of 1.5mm  
Ambient Temperature: -30°C ~ +70°C  
Relative Humidity: 85% at 40°C