

<b>Relays</b>
General Purpose Relays
For Control Panel
<b>MY</b>
LY
G2R-[S]
G7T
G2A
G2A-434
G2AK
MK-S
MK-I / -S
MM
MMK
For Built-in
Special-purpose

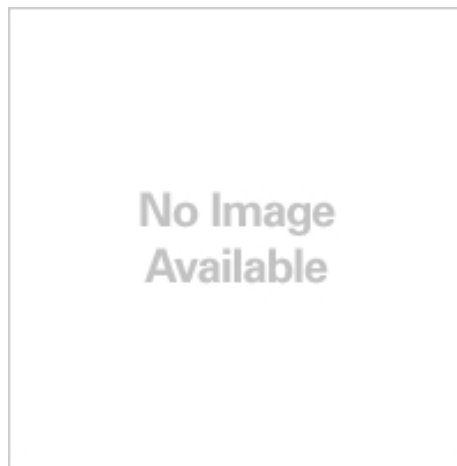
<b>Sensors</b>
<b>Switches</b>
<b>Safety Components</b>
<b>Relays</b>
<b>Control Components</b>
<b>Automation Systems</b>
<b>Motion &amp; Drives</b>
<b>In Addition</b>

<b>Cautions</b>
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<b>Applications</b>
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<b>Item A to Z Index</b>
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## MYQ4ZN AC110/120


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### Ratings / Performance

#### For print

#### Ratings

<b>Contact Type</b>	4PDT
<b>Contact method</b>	Bifurcated
<b>Contact material</b>	Contact body material: Ag Contact finish: Au plated
<b>Contact rated load</b>	220 VAC 1 A (Inductive load(cos phi=0.4)) 220 VAC 0.5 A (Inductive load(cos phi=0.4)) 24 VDC 1 A (Inductive load(L/R=7ms)) 24 VDC 0.5 A (Inductive load(L/R=7ms))
<b>Maximum switching voltage</b>	250 VAC (Inductive load(cos phi=0.4)) 250 VAC (Inductive load(cos phi=0.4)) 125 VDC (Inductive load(L/R=7ms)) 125 VDC (Inductive load(L/R=7ms))
<b>Maximum switching current</b>	AC: 1 A (Inductive load(cos phi=0.4)) AC: 1 A (Inductive load(cos phi=0.4)) DC: 1 A (Inductive load(L/R=7ms)) DC: 1 A (Inductive load(L/R=7ms))
<b>Maximum switching power</b>	AC: 220 VA (Inductive load(cos phi=0.4)) AC: 110 VA (Inductive load(cos phi=0.4)) DC: 24 W (Inductive load(L/R=7ms)) DC: 12 W (Inductive load(L/R=7ms))
<b>Failure rate</b>	1mA at 1VDC (failure level: P Reference value)
<b>Ambient humidity</b>	Operating: 5% RH to 85% RH

#### Characteristics

<b>Contact resistance</b>	Max 50mOhm Measuring the voltage drop across the contacts by applying test voltage/current as 5VDC 1A
<b>Release time (Reset time)</b>	20 ms Max.
<b>Insulation resistance</b>	Between coil and contacts: 100 M Ohm Min. (at 500 VDC) Between contacts of different polarity: 100 M Ohm Min. (at 500 VDC) Between contacts of same polarity: 100 M Ohm Min. (at 500 VDC)
<b>Dielectric strength</b>	Between coil and contacts: 2000 VAC 50/60 Hz for 1 min (Leakage current 3mA 50/60Hz 1min) Between contacts of different polarity: 2000 VAC 50/60 Hz for 1 min (Leakage current 3mA 50/60Hz 1min) Between contacts of same polarity: 1000 VAC 50/60 Hz for 1 min (Leakage current 3mA 50/60Hz 1min)
<b>Vibration resistance (Destruction)</b>	10 to 55 to 10 Hz 0.5-mm single amplitude (1.0-mm double amplitude)
<b>Vibration resistance (Malfunction)</b>	10 to 55 to 10 Hz 0.5-mm single amplitude (1.0-mm double amplitude)
<b>Shock resistance (Destruction)</b>	1000 m/s <sup>2</sup>
<b>Shock resistance (Malfunction)</b>	200 m/s <sup>2</sup>
<b>Endurance (Mechanical)</b>	5000000 operations Min.
<b>Endurance (Electrical)</b>	100000 operations Min.
<b>Protective structure</b>	seal
<b>Applicable standard (UL)</b>	File number: E41515
<b>Applicable standard (CSA)</b>	File number: LR31928
<b>Applicable standard (SEV)</b>	02.0747
<b>Applicable standard (Other(s))</b>	Conform to electrical appliance and material

As of March 24, 2009

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