

Relays

General Purpose Relays

For Control Panel

MY

LY

G2R-□-S

G7T

G2A

G2A-434

G2AK

MK-S

MK-I / -S

MM

MMK

For Built-in

Special-purpose

Sensors

Switches

Safety Components

Relays

Control Components

Automation Systems

Motion & Drives

In Addition

Cautions

Applications

Item A to Z Index

MYQ4ZN AC110/120



Inquiry of MYQ4ZN AC110/120

Products links

Find OMRON IA Products in your country

Get more support via Products links, such as manuals and CAD files.

Similar items

[MYQ4ZN AC200/220](#)

[MYQ4ZN AC24](#)

[MYQ4ZN DC100/110](#)

[Item index of MY](#)

Ratings / Performance

For print

Ratings

Contact Type	4PDT
Contact method	Bifurcated
Contact material	Contact body material: Ag Contact finish: Au plated
Contact rated load	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))
Maximum switching voltage	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))
Maximum switching current	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))
Maximum switching power	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))
Failure rate	1mA at 1VDC (failure level: P Reference value)
Ambient humidity	Operating: 5% RH to 85% RH

Characteristics

Contact resistance	Max 50mOhm Measuring the voltage drop across the contacts by applying test voltage/current as 5VDC 1A
Release time (Reset time)	20 ms Max.
Insulation resistance	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)
Dielectric strength	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)
Vibration resistance (Destruction)	10 to 55 to 10 Hz 0.5-mm single amplitude (1.0-mm double amplitude)
Vibration resistance (Malfunction)	10 to 55 to 10 Hz 0.5-mm single amplitude (1.0-mm double amplitude)
Shock resistance (Destruction)	1000 m/s2
Shock resistance (Malfunction)	200 m/s2
Endurance (Mechanical)	5000000 operations Min.
Endurance (Electrical)	100000 operations Min.
Protective structure	seal
Applicable standard (UL)	File number: E41515
Applicable standard (CSA)	File number: LR31928
Applicable standard (SEV)	02.0747
Applicable standard (Other(s))	Conform to electrical appliance and material

As of March 24, 2009

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Omron:

[MYQ4ZN AC110/120](#)