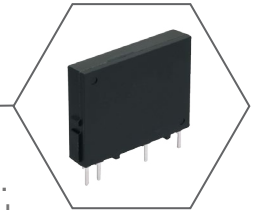


New Product Introduction

AQZ20_G Series PhotoMOS[®] Relays

New AQZ20_G Series Power 1 Form A High Capacity PhotoMOS Relays Featuring High Capacity Up To 6A In A Slim Single In Line Package



Panasonic, a worldwide leader in Relay Products, introduces the **NEW AQZ20_G Series PhotoMOS Relays** product line. The **New AQZ20_G Series High Capacity PhotoMOS Relays** can switch a wide range of currents and voltages to control various types of loads while maintaining a slim 4-pin SIL (Single In Line) package for high density mounting. Other features include a low on-resistance of less than 0.015Ω, high sensitivity LED with a 1mA operating current and a low-level off state leakage current of 10μA maximum. Unlike Triacs, photocouplers or solid state Relays, the new **AQZ20_G Series PhotoMOS Relays** can be used to control low-level analog signals of less than several hundred millivolts without distortion.

Features

- High Capacity Switching
- Low On-Resistance and High Sensitivity
- AC/DC Dual Use And Low-Level Off State Leakage Current
- Slim Single In Line (SIL) 4-Pin Package:
(L) 21.0 mm x (W) 3.5 mm x (H) 12.5 mm
- C-UL Approved
- RoHS/REACH Compliant

Benefits

- Can Control Various Types Of Loads, From Very Small Loads To A Max. 6A Current (AC/DC) For Sequencers, Motors And Lamps.
- Low On-Resistance Reduces Power Dissipation When Switching High Currents And Increases Switching Speeds To Improve The Precision Or Measurement. High Sensitivity LED Contributes To Energy Savings Through Lower Power Consumption.
- There Is No Need To Differentiate AC From DC Loads As Is Necessary With Conventional Solid State Relays. Bi-Directional Control Is Possible Through A Single Channel By Using A Dual MOSFET Structure.
- Compact Size Allows For High Density Mounting.

Industries

- | | |
|------------------------|--------------|
| • Industrial | • Medical |
| • Test And Measurement | • Smart Grid |
| • Factory Automation | • Robotics |

Applications

- Traffic Signals
- Measuring Instruments
- Industrial Machines
- Mercury Relay Replacement
- Robotics

