



Panasonic Electric Works

General Information

Kit Part Number:	231-1005
Description:	PhotoMOS Relays with Current Protection Kit
Application:	Data Communications, Game Machines, Industrial Machines, Medical Equipment, Office Equipment, Railway, Robots, Security Systems, Telecommunications, Traffic
Series:	PhotoMOS Relays
Solution:	Optical Isolation
Product Type:	Relays
Number of Pieces:	4
RoHS:	Yes

Specifications

Form Factor:	1 Form A, 2 Form A
Leakage Current:	1 μ A
Load Current:	0.1A, 0.12A, 0.2A, 0.5A
Load Voltage:	60V, 350V
Package Size:	SOP4-pin, DIP6-pin, DIP8-pin

Product Highlights

PhotoMOS, Panasonic's brand of semiconductor relays, have LED as an input with MOSFET for an output. PhotoMOS relays help realize high-performance and small-footprint equipment. Panasonic Electric Works offers a wide range of PhotoMOS relays ideal for measurement, telecommunication, security and industrial control equipment.

Features and Benefits

- Various package styles
- Slim and high capacity
- AC/DC dual use
- Built-in input resistor for mounting efficiency
- 1.25A continuous load current

Applications

- Railway
- Traffic
- Robots
- Industrial Machines
- Office Equipment
- Telecommunications
- Security Systems
- Game Machines
- Data Communications
- Medical Equipment



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Bill of Materials

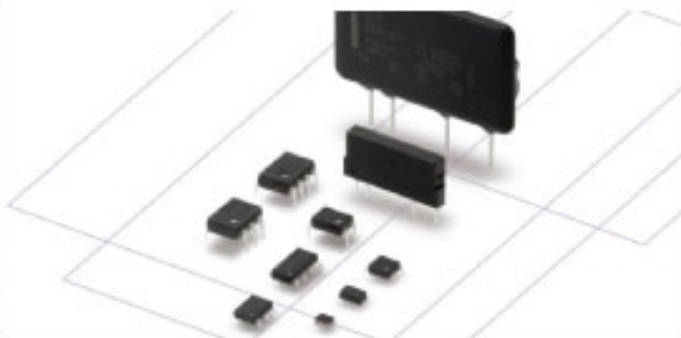
Part No.	Qty In Kit	Description	Datasheet	P/N Details	Search Distributors Inventory
AQY210KS	1	GU 1 Form A with Short Circuit Protecting Non-latch PhotoMOS...	Datasheet	Details	Search
AQV112KL	1	GU 1 Form A with Short Circuit Protecting Non-latch PhotoMOS...	Datasheet	Details	Search
AQY210LS	1	GU SOP 1 Form A Current Limiting PhotoMOS Relay	Datasheet	Details	Search
AQW210HL	1	GU 2 Form A Current Limiting PhotoMOS Relay	Datasheet	Details	Search

Recommended Tool

Part No.	Included in Kit
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PhotoMOS Relays

Panasonic

Panasonic Electric Works Corporation of America

Kit Part No. **231-1005**

PhotoMOS Relay Kit

1 Form A Type PhotoMOS Relays with
Current Protection

- 0.1, 0.12, 0.2, 0.5 Amps; 60 Volts DC, 350V AC
- SOP4-pin, DIP6-pin, DIP8-pin Package Size
- 1 Form A, 2 Form A Output Configuration
- 1 μ A Leakage Current
- High Dielectric Strength
- Low On Resistance
- Low Output Capacitance

Product information available at: <http://pewa.panasonic.com>

Additional kits available at: www.waldomkits.com/panasonic

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4
pieces



Product from Panasonic.
Kits designed and assembled
by Walden Electronics.