



## Panasonic Electric Works

### General Information

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

### Specifications

<b>Form Factor:</b>	1 Form A, 2 Form A
<b>Leakage Current:</b>	1ÅµA
<b>Load Current:</b>	0.1A, 0.12A, 0.2A, 0.5A
<b>Load Voltage:</b>	60V, 350V
<b>Package Size:</b>	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



## Panasonic Electric Works

### Bill of Materials

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

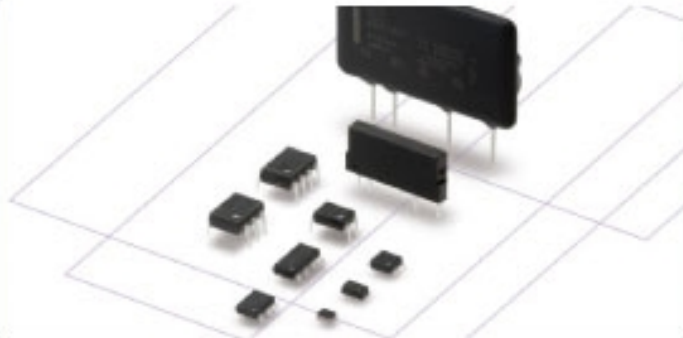
### Recommended Tool

Part No.

Included in Kit







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  $\mu$ 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](http://www.waldomkits.com/panasonic)

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**4**  
pieces



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