



Panasonic Electric Works

General Information

Kit Part Number:	231-1000
Description:	Test & Measurement Devices PhotoMOS Relays 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:	6
RoHS:	Yes

Specifications

Form Factor:	1 Form A, 2 Form A
Leakage Current:	0.01nA, 0.03nA, 1ÅµA
Load Current:	0.04A, 0.08A, 0.12A, 0.25A, 1.25A
Load Voltage:	40V, 60V, 600V
Package Size:	SSOP, DIP8-pin, DIP6-pin, SOP4-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

- High Capacity
- Voltage Sensitive
- Current Limiting
- CxR10
- Optically isolated - High dielectric strength
- High reliability
- Small size
- Low Off State leakage current
- Fast On/Off speed

Applications

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



Panasonic Electric Works
Corporation of America





Panasonic Electric Works
Bill of Materials

Part No.	Qty In Kit	Description	Datasheet	P/N Details	Search Distributors Inventory
AQY221FN2V	1	RF SSOP CxR10 PhotoMOS Relay	Datasheet	Details	Search
AQY221N2M	1	RF SON 1 Form A CxR10 PhotoMOS Relay	Datasheet	Details	Search
AQY221N2V	1	RF SSOP 1 Form A CxR10 PhotoMOS Relay	Datasheet	Details	Search
AQV221	1	RF 1 Form A PhotoMOS Relay	Datasheet	Details	Search
AQW216EH	1	GU 2 Form A PhotoMOS Relay	Datasheet	Details	Search
AQY212G2S	1	GU SOP 1 Form A High Capacity PhotoMOS Relay	Datasheet	Details	Search

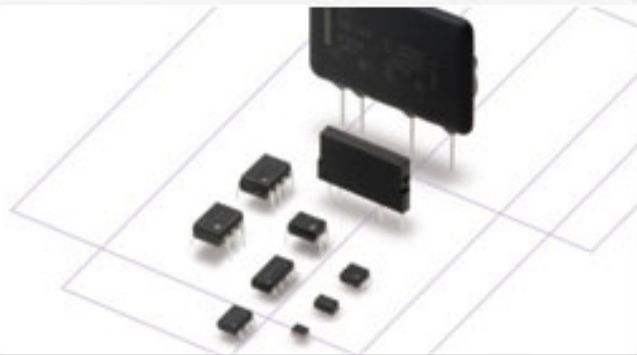
Recommended Tool

Part No.

Included in Kit







PhotoMOS Relays

Panasonic

Panasonic Electric Works Corporation of America

Kit Part No. **231-1000**

PhotoMOS Relay Kit

Test & Measurement Devices PhotoMOS Relays

- 0.04, 0.06, 0.12, 0.25, 1.25 Amps; 40, 60, 600 Volts
- DIP6-pin, DIP8-pin, S0P4-pin, SSOP, SON Package Size
- 1 Form A, 2 Form A Output Configuration
- 0.01 nA, 0.03 nA, 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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6
pieces



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