



Panasonic Electric Works

General Information

Kit Part Number:	231-1010
Description:	Load Voltage 1500 Volts(Max) 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:	10
RoHS:	Yes

Specifications

Form Factor:	1 Form A, 2 Form A
Leakage Current:	1 μ A, 10 μ A, 10nA
Load Current:	0.1A, 0.2A, 0.5A
Load Voltage:	60V, 100V, 200V, 600V, 1000V, 1500V
Package Size:	SOP6-pin, DIP6-pin, DIP4-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

- Low on resistance and high sensitivity
- Reinforced insulation and high dielectric strength
- Controls low level analog signals
- Wide variation of load voltage

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
AQV258	1	HE 1 Form A PhotoMOS Relay	Datasheet	Details	Search
AQV259	1	HE 1 Form A PhotoMOS Relay	Datasheet	Details	Search
AQV216S	1	GU SOP 1 Form A PhotoMOS Relay	Datasheet	Details	Search
AQW216	1	GU 2 Form A PhotoMOS Relay	Datasheet	Details	Search
AQY216EH	1	GU-E 1 Form A Relay	Datasheet	Details	Search
AQW216EH	1	GU 2 Form A PhotoMOS Relay	Datasheet	Details	Search
AQV215S	1	GU SOP 1 Form A PhotoMOS Relay	Datasheet	Details	Search
AQV217S	1	GU SOP 1 Form A PhotoMOS Relay	Datasheet	Details	Search
AQV227N	1	RF 1 Form A Low On-resistance PhotMOS Relay	Datasheet	Details	Search
AQW212EH	1	GU-E 2 Form A PhotoMOS Relay	Datasheet	Details	Search

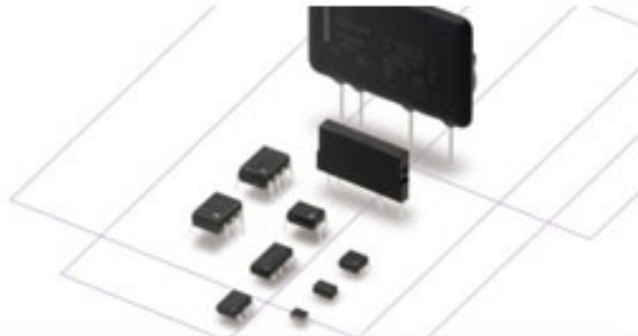
Recommended Tool

Part No.

Included in Kit







PhotoMOS Relays

Panasonic

Panasonic Electric Works Corporation of America

Kit Part No. **231-1010**

PhotoMOS Relay Kit

1 Form A Load Voltage 1500 Volts(Max)
PhotoMOS Relays

- 0.1, 0.2, 0.5 Amps; 60, 100, 200, 600, 1000, 1500 Volts
- DIP4-pin, DIP6-pin, DIP8-pin, SOP6-pin Package Size
- 1 Form A, 2 Form A Output Configuration
- 1 μ A, 10 μ A, 10 nA 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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10
pieces



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