



Panasonic Electric Works

General Information

Kit Part Number:	231-1009
Description:	4, 6, 8, 16 Pin Count 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:	12
RoHS:	Yes

Specifications

Form Factor:	1 Form A & 1 Form B, 1 Form A, 1 Form B, 2 Form A, 2 Form B, 4 Form A
Leakage Current:	1ÅµA
Load Current:	0.1A, 0.2A, 0.5A, 2A
Load Voltage:	40V, 60V, 80V, 200V, 400V
Package Size:	SOP16-pin, SOP6-pin, DIP6-pin, DIP4-pin, DIP8-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

- Controls low level analog signals
- Low level off state leakage current (max. 1micro-A)
- Wide variation of load voltage (60 to 600V)
- High sensitivity and high speed response
- Reduced mounting space

Applications

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



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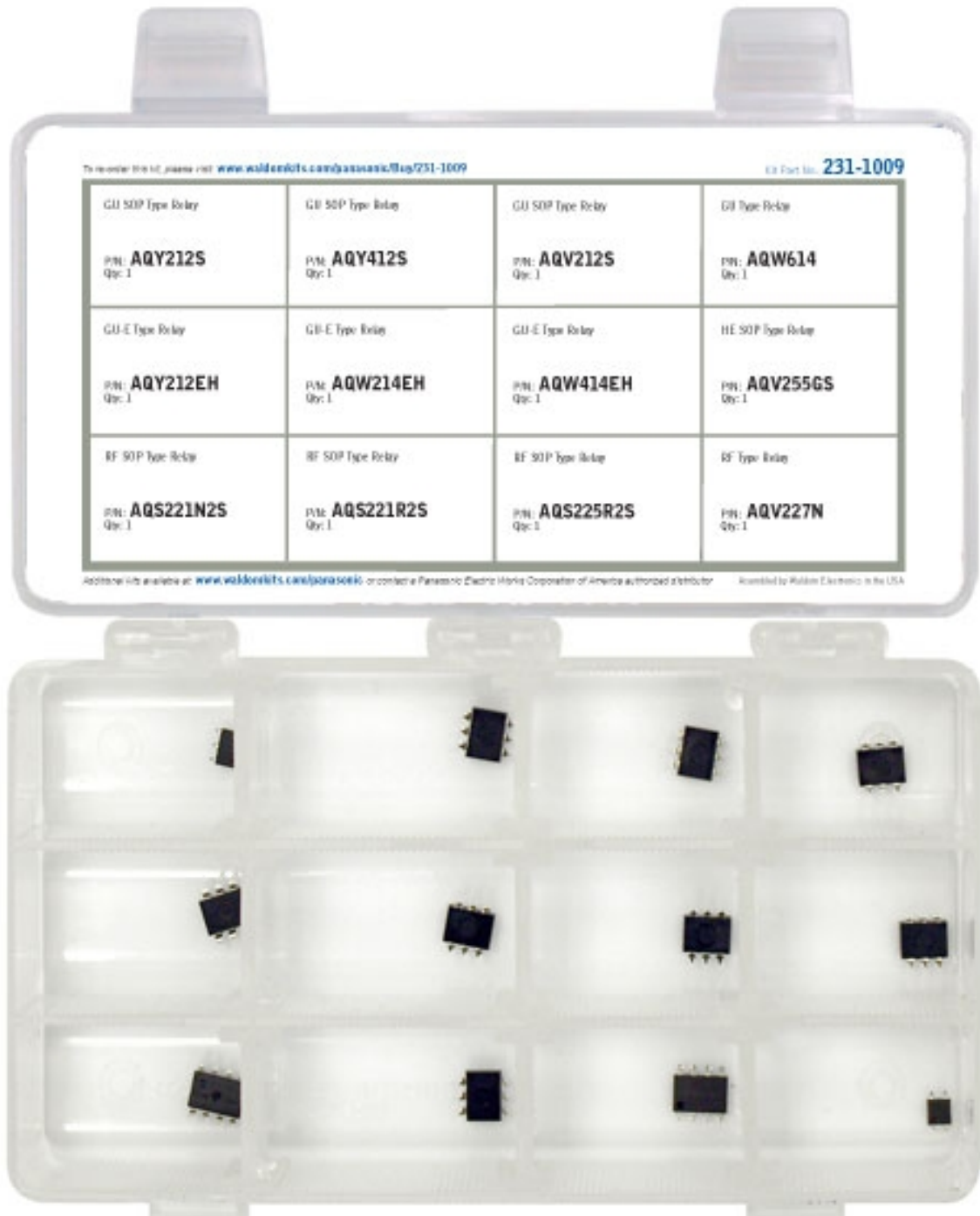
Bill of Materials

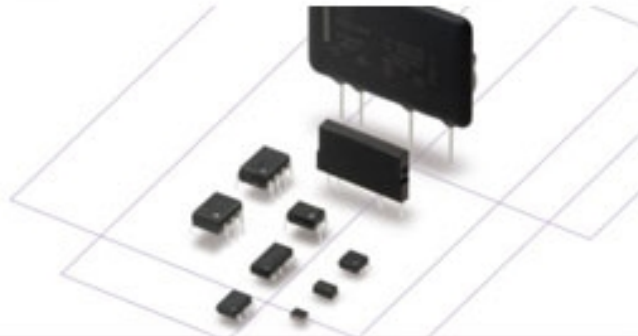
Part No.	Qty In Kit	Description	Datasheet	P/N Details	Search Distributors Inventory
AQY212EH	1	GU-E 1 Form A PhotoMOS Relay	Datasheet	Details	Search
AQY212S	1	GU SOP 1 Form A PhotoMOS Relay	Datasheet	Details	Search
AQY412S	1	GU SOP 1 Form B PhotoMOS Relay	Datasheet	Details	Search
AQV212S	1	GU SOP 1 Form A PhotoMOS Relay	Datasheet	Details	Search
AQV255GS	1	HE SOP 1 Form A High Capacity PhotoMOS Relay	Datasheet	Details	Search
AQV227N	1	RF 1 Form A Low On-resistance PhotoMOS Relay	Datasheet	Details	Search
AQW614	1	GU 1 Form A 1 Form B PhotoMOS Relay	Datasheet	Details	Search
AQW214EH	1	GU-E 2 Form A PhotoMOS Relay	Datasheet	Details	Search
AQW414EH	1	GU-E 2 Form B PhotoMOS Relay	Datasheet	Details	Search
AQS221N2S	1	RF SOP 4 Form A CxR10 PhotoMOS Relay	Datasheet	Details	Search
AQS221R2S	1	RF SOP 4 Form A High Capacity PhotoMOS Relay	Datasheet	Details	Search
AQS225R2S	1	RF SOP 4 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. **231-1009**

PhotoMOS Relay Kit

4, 6, 8, 16 Pin Count PhotoMOS Relay

- 0.1, 0.2, 0.5, 2 Amps; 40, 60, 80, 200, 400 Volts
- S0P4-pin, S0P6-pin, S0P16-pin, DIP4-pin, DIP6-pin, DIP8-pin
Package Size
- 1 Form A, 1 Form B, 1 Form A 1 Form B, 2 Form A, 2 Form B, 4 Form A
Output Configuration
- 1 μ A Leakage Current
- High Dielectric Strength
- Low On Resistance
- Low Output Capacitance

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

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

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12
pieces



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