



Panasonic Electric Works

General Information

Kit Part Number:	231-1001
Description:	Medical Device 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 B, 1 Form A, 2 Form A
Leakage Current:	0.03nA, 1ÅµA, 10nA
Load Current:	0.04A, 0.05A, 0.13A, 0.14A, 0.3A
Load Voltage:	200V, 250V, 350V, 400V
Package Size:	SOP8-pin, SOP4-pin, DIP6-pin, SOP6-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.

Feature and Benefits

- Reliable low level analog signal control
- High isolation
- Various package styles
- Stable on resistance
- Controls low level analog signals

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
AQY410SX	1	GU SOP 1 Form B PhotoMOS Relay	Datasheet	Details	Search
AQY210SX	1	GU SOP 1 Form A PhotoMOS Relay	Datasheet	Details	Search
AQV227NS	1	RF SOP 1 Form A Low On-resistance PhotoMOS Relay	Datasheet	Details	Search
AQW223R2S	1	RF SOP 2 Form A CxR PhotoMOS Relay	Datasheet	Details	Search
AQV224NS	1	RF SOP 1 Form A Low On-resistance PhotoMOS Relay	Datasheet	Details	Search
AQV210EH	1	GU-E 1 Form A PhotoMOS Relay	Datasheet	Details	Search

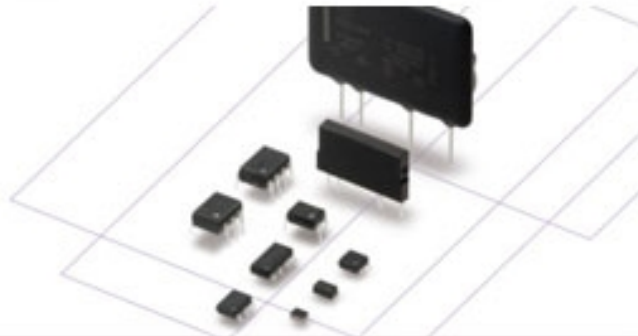
Recommended Tool

Part No.

Included in Kit







PhotoMOS Relays

Panasonic

Panasonic Electric Works Corporation of America

Kit Part No. **231-1001**

PhotoMOS Relay Kit

Medical Device 1 Form A PhotoMOS Relays

- 0.04, 0.05, 0.13, 0.14, 0.3 Amps; 200, 250, 350, 400 Volts
- S0P4-pin, S0P6-pin, S0P8-pin, DIP6-pin Package Size
- 1 Form A, 1 Form B, 2 Form A Output Configuration
- 0.03 nA, 10 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 Waldem Electronics.