



Panasonic Electric Works

General Information

Kit Part Number:	231-3003
Description:	12 V DC 1/3, 1/2, 1 and 2 Horsepower Power Relay Kit
Application:	Data Recorders, Devices, Measuring Instruments, Office Equipment, Power Supplies, Printers, Programmable Logic Controllers, Security Systems, Temperature Controllers
Series:	Power Relays
Solution:	Circuit Control
Product Type:	Relays
Number of Pieces:	4
RoHS:	Yes

Specifications

Form Factor:	1 Form C, 1 Form A
Insulation:	Class F
Load Current:	10A, 20A, 30A
Load Voltage:	125V, 250V, 277V
Operating Function:	Single Side Stable
Polarization:	No

Product Highlights

Panasonic's power relays feature polarized and non polarized relays for loads greater than 2 amps. The coil power consumption can be controlled because ON or OFF state of relay contact can be held using pulse input (zero power consumption when there is no pulse drive). In addition these relays feature superior vibration resistance of 10 to 55 Hz. Contact bouncing when resetting is controlled thanks to the power of a permanent magnet.

Features and Benefits

- Compact design with high switching capacity
- Low nominal operating power
- High breakdown voltage
- Single side stable and latching construction
- Sealed construction for automatic washing

Applications

- Office and Industrial Electronic
- Devices
- Printers
- Data Recorders
- Measuring Instruments
- Temperature Controllers
- Programmable Logic Controllers
- Power Supplies
- Security



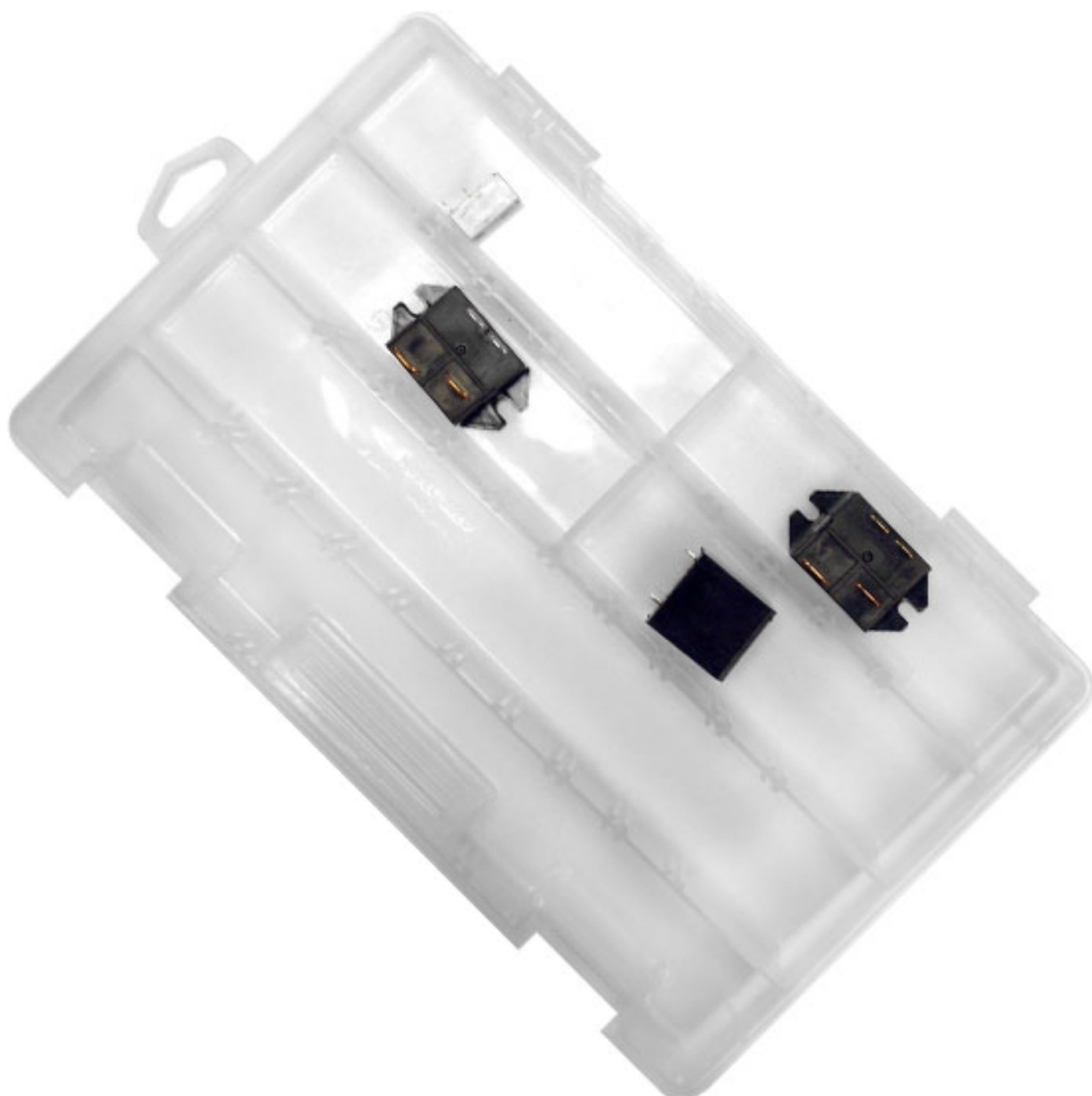
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Bill of Materials

Part No.	Qty In Kit	Description	Datasheet	P/N Details	Search Distributors Inventory
JTN1S-TMP-F-DC12V	1	1 Form C Sealed TMP Type Class F Relay, 12 V DC	Datasheet	Details	Search
JM1AN-TMP-DC12V-F	1	1 Form A TMP Type Relay, 12 V DC	Datasheet	Details	Search
JM1AN-ZTM-DC12V-F	1	1 Form A Flat TM Type Relay, 12 V DC	Datasheet	Details	Search
DK1A-12V-F	1	1 Form A Single Side Stable 12 V DC Relay	Datasheet	Details	Search

Recommended Tool

Part No.	Included in Kit
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Panasonic

Panasonic Electric Works Corporation of America

Kit Part No. **231-3003**

Power Relay Kit

12 V DC 1/3, 1/2, 1 and 2 Horsepower Power Relay

- 10, 20, 30 Amps; 125, 250, 277 Volts
- 1000, 1200 Volts Breakdown Voltage
- 1 Form A, 1 Form C Form Factor
- 10,000 Volts Surge Voltage
- Single Side Stable Operating Function
- 12 Volts Coil Voltage

Product information available at: <http://pewa.panasonic.com>
Additional kits available at: www.waldomkits.com/panasonic

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pieces



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