



Panasonic Electric Works

General Information

Kit Part Number:	231-2001
Description:	5 Volt DC Signal Relays Kit
Application:	LAN Equipment, Security Systems, Switching Equipment, Telecommunications
Series:	Signal Relays
Solution:	Circuit Control
Product Type:	Relays
Number of Pieces:	12
RoHS:	Yes

Specifications

Coil Voltage:	5V
Form Factor:	1 Form C, 2 Form C
Load Current:	0.5A, 1A, 2A, 3A
Load Voltage:	110V, 125V, 220V, 250V
Operating Function:	Single Side Stable, 2 Coil Latching

Product Highlights

Panasonic's signal relays feature a compact slim body that saves space which allows for much smaller designs. All relays feature outstanding surge resistance. By using the highly efficient polar magnetic circuit "seesaw balance mechanism", a nominal operating power of 140 mW (minimum operating power of 79 mW) has been achieved.

Features and Benefits

- High contacts reliability
- Low thermal electromotive force
- High sensitivity operating power

Applications

- Switching Equipment
- LAN Equipment
- Telecommunications Equipment
- Home Security Equipment
- Building Security Equipment
- Entrance and Exit Control Equipment



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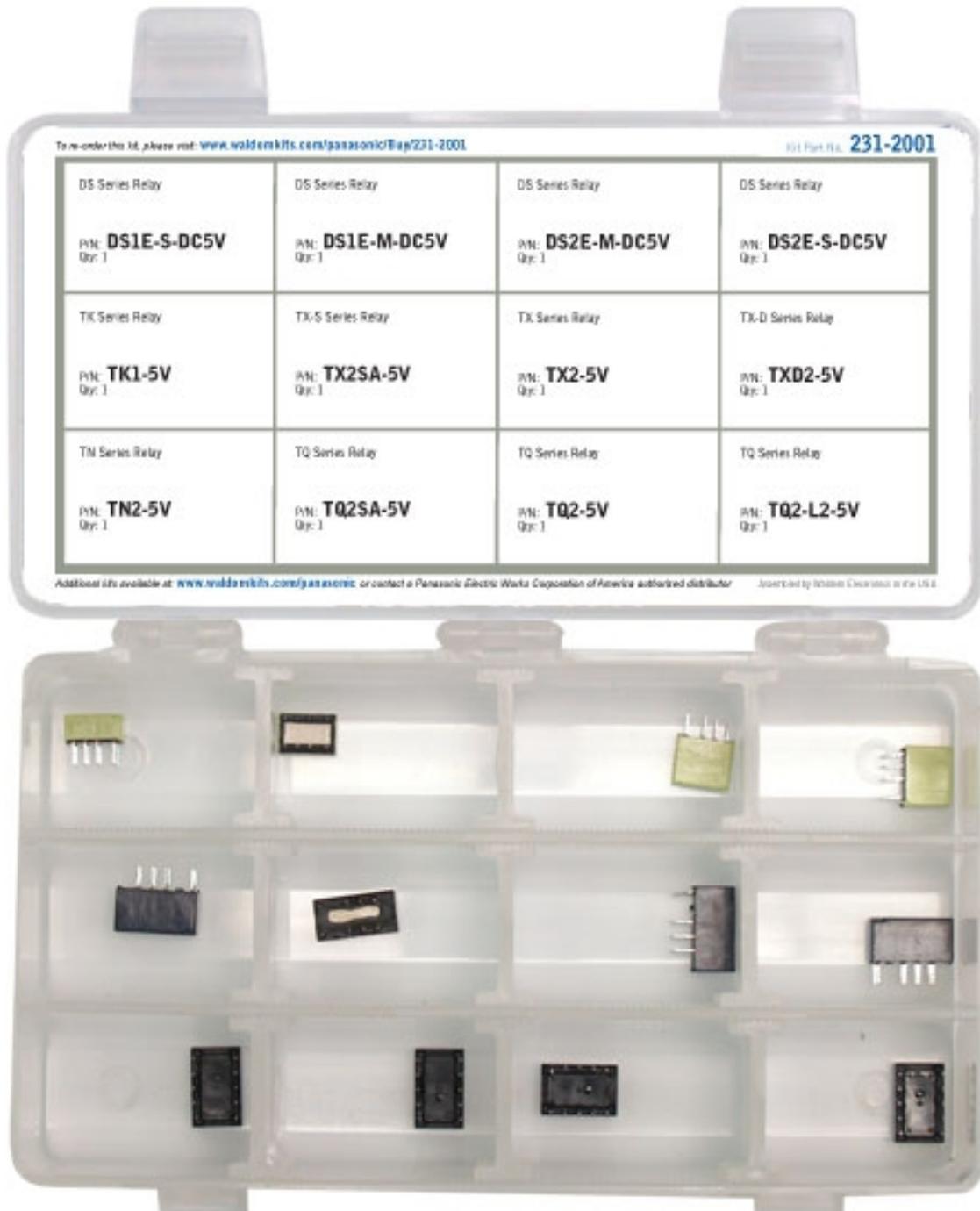
Bill of Materials

Part No.	Qty In Kit	Description	Datasheet	P/N Details	Search Distributors Inventory
TK1-5V	1	1 Form C Single Side Stable 5V DC Signal Relay	Datasheet	Details	Search
DS1E-M-DC5V	1	1 Form C Single Side Stable 5V DC Signal Relay	Datasheet	Details	Search
DS1E-S-DC5V	1	1 Form C Single Side Stable 5V DC Signal Relay	Datasheet	Details	Search
DS2E-M-DC5V	1	2 Form C Single Side Stable 5V DC Signal Relay	Datasheet	Details	Search
DS2E-S-DC5V	1	2 Form C Single Side Stable 5V DC Signal Relay	Datasheet	Details	Search
TQ2SA-5V	1	2 Form C Single Side Stable SA Type 5V DC Signal Relay	Datasheet	Details	Search
TX2SA-5V	1	2 Form C Single Side Stable SA Type 5V DC Signal Relay	Datasheet	Details	Search
TN2-5V	1	2 Form C Single Side Stable 5V DC Signal Relay	Datasheet	Details	Search
TQ2-L2-5V	1	2 Form C 2 Coil Latching 5V DC Signal Relay	Datasheet	Details	Search
TX2-5V	1	2 Form C Single Side Stable 5V DC Signal Relay	Datasheet	Details	Search
TQ2-5V	1	2 Form C Single Side Stable 5V DC Signal Relay	Datasheet	Details	Search
TXD2-5V	1	2 Form C Single Side Stable 5V DC Signal Relay	Datasheet	Details	Search

Recommended Tool

Part No.

Included in Kit





Signal Relays

Panasonic

Panasonic Electric Works Corporation of America

Kit Part No. **231-2001**

Signal Relay Kit

Single Side Stable 2 Form C 5 Volt DC Signal Relays

- 0.5, 1, 2, 3 Amps; 110, 125, 220, 250 Volts
- 1000, 1500, 2000 Volts Breakdown Voltage
- 1 Form C, 2 Form C Form Factor
- 1500, 2500 Volts Surge Voltage
- Single Side Stable, 2 Coil Latching Operating Function
- 5 Volts Coil Voltage
- 70, 140, 200, 400 mW Operating Power

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

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12
pieces



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