



## Panasonic Electric Works

### General Information

<b>Kit Part Number:</b>	<a href="#">284-4001</a>
<b>Description:</b>	24 V DC Automotive Relays Kit
<b>Application:</b>	Agricultural Equipment, Automotive Equipment, Construction Equipment
<b>Series:</b>	Automotive Relays
<b>Solution:</b>	DC Voltage
<b>Product Type:</b>	Relays
<b>Number of Pieces:</b>	12
<b>RoHS:</b>	No

### Specifications

<b>Coil Voltage:</b>	24V
<b>Load Current:</b>	25A, 30A, 35A, 40A, 70A
<b>Load Voltage:</b>	14V
<b>Mounting Style:</b>	Plug-in, Bracket, PCB
<b>Output Protection:</b>	Resistor, Diode
<b>Sealed:</b>	Yes

### Product Highlights

Relays for automotive electrics that includes plug-in, printed circuit board and high-voltage types. Applications include safety, power train control, comfort and special vehicles. Featuring 12, 24 and 36 volt DC coil voltage.

#### Features and Benefits

- Sealed Construction
- Low Contact Resistance
- Wide Range of Operating Temperatures
- Built-in Diode and Resistor Options Included
- Plug-in / PCB relays for 24V DC load

#### Applications

- Automotive Systems
- Agricultural Equipment
- Construction Equipment



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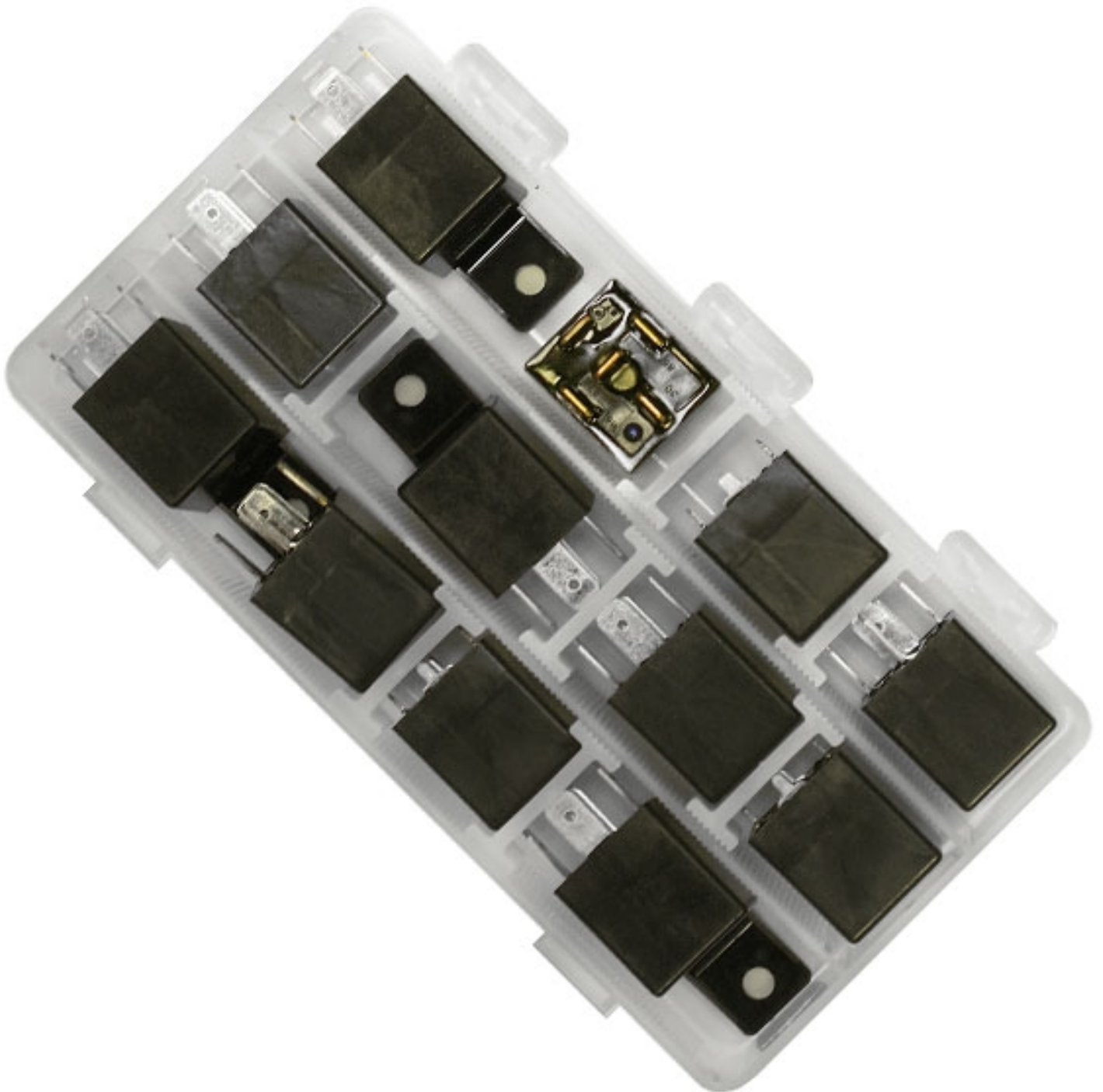
### Bill of Materials

Part No.	Qty In Kit	Description	Datasheet	P/N Details	Search Distributors Inventory
<a href="#">CB1-24V</a>	1	1 Form C Sealed Plug-in 24 V DC Automotive Relay	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">CB1-D-24V</a>	1	1 Form C Sealed Plug-in 24 V DC Automotive Relay with Diode	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">CB1-M-24V</a>	1	1 Form C Bracket Mounting 24 V DC Automotive Relay	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">CB1-D-M-24V</a>	1	1 Form C Bracket Mounting 24 V DC Automotive Relay with Dio...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">CB1-R-24V</a>	1	1 Form C Sealed Plug-in 24 V DC Automotive Relay with Resist...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">CB1-P-24V</a>	1	1 Form C PCB 24 V DC Automotive Relay	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">CB1A-24V</a>	1	1 Form A Sealed Plug-in 24 V DC Automotive Relay	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">CB1A-M-24V</a>	1	1 Form A Bracket Mounting 24 V DC Automotive Relay	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">CB1AH-P-24V</a>	1	1 Form A High Capacity Plug-in 24 V DC Automotive Relay	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">CB1A-P-24V</a>	1	1 Form A PCB 24 V DC Automotive Relay	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">CB1F-24V</a>	1	1 Form C Flux-resistant Plug-in 24 V DC Automotive Relay	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">CB1F-M-24V</a>	1	1 Form C Flux-resistant Bracket Mounting 24 V DC Automotive R...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>

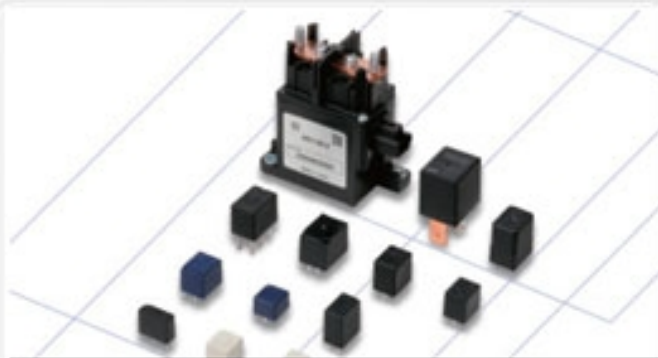
### Recommended Tool

Part No.

Included in Kit







Automotive Relays

## Panasonic

Panasonic Electric Works Corporation of America

Kit Part No. **284-4001**

### Automotive Relay Kit

1 Form C Sealed Plug-in and Printed Circuit Board  
24 Volt DC Automotive Relay

- 25, 30, 35, 40, 70 Amps; 14 Volts
- Plug-in, Printed Circuit Board, Bracket Mounting Style
- Diode, Resistor Output Protection
- Sealed Construction
- 24 Volt Coil Voltage
- 1 Form A, 1 Form C Form Factor

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

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**12**  
pieces



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