



Panasonic Electric Works

General Information

Kit Part Number:	284-4002
Description:	Hybrid and Electric Vehicles Automotive Relays Kit
Application:	Agricultural Equipment, Automotive Equipment, Construction Equipment
Series:	Automotive Relays
Solution:	DC Voltage
Product Type:	Relays
Number of Pieces:	11
RoHS:	Yes

Specifications

Coil Voltage:	12V, 24V
Load Current:	10A, 30A, 35A, 40A, 70A, 80A
Load Voltage:	14V, 400V
Mounting Style:	Screw Mounted, Plug-in
Output Protection:	Resistor, Diode
Sealed:	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

- AEV hermetically sealed construction for high DC voltage / current
- Pre-charge and main circuit switching
- Stable contact resistance
- PhotoMOS for battery monitoring circuit
- CB relays for accessory controls

Applications

- Automobiles
- Electric Vehicles
- Hybrid Vehicles
- Fuel-cell Vehicles
- Construction Equipment
- Agriculture Equipment



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Bill of Materials

Part No.	Qty In Kit	Description	Datasheet	P/N Details	Search Distributors Inventory
CB1-12V	1	1 Form C Sealed Plug-in 12 V DC Automotive Relay	Datasheet	Details	Search
CB1-D-12V	1	1 Form C Sealed 12 V DC Relay with Diode	Datasheet	Details	Search
CB1-R-12V	1	1 Form C Sealed 12 V DC Relay with Resistor	Datasheet	Details	Search
CB1A-12V	1	1 Form A Sealed 12 V DC Relay	Datasheet	Details	Search
CB1A-D-12V	1	1 Form A Sealed 12 V DC Relay with Diode	Datasheet	Details	Search
CB1A-R-12V	1	1 Form A Sealed 12 V DC Relay with Resistor	Datasheet	Details	Search
CB1AH-12V	1	1 Form A Sealed High Capacity Plug-in 12 V DC Automotive Rel...	Datasheet	Details	Search
CB1AH-R-12V	1	1 Form A Sealed High Contact Capacity 12 V DC Relay with Res...	Datasheet	Details	Search
AEV18024	1	1 Form A 80 A 24 V DC Relay	Datasheet	Details	Search
AEV110242	1	1 Form A 10 A 24 V DC Relay	Datasheet	Details	Search
CB1AH-D-12V	1	1 Form A Sealed High Contact Capacity 12 V DC Relay with Dio...	Datasheet	Details	Search

Recommended Tool

Part No.	Included in Kit
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