



RoHS compliant

FEATURES

• Compact flat type

Flat size enables it to be built-in switch units.

<Height>

PC board terminal type:

9.5 mm .374 inch

Surface-mount terminal type:

10.5mm .413inch

• High capacity

CP Relay provides low profile spacesaving advantages while offering high continuous current of 25A (1 hour).

• Simple footprint pattern enables ease of PC board layout

Arrangement of coil and contact terminals designed to withstand large capacity which ensures leeway and facilitates PC board design.

• Sealed construction

Sealed construction suitable for harsh environments

• "PC board terminal" and "Surface mount terminal" types available

SMD automatic mounting is possible for surface mount terminal types because tape and reel packaging is used.

• Model available for wiper load.

TYPICAL APPLICATIONS

For automotive system

Power windows, Auto door lock, Power sunroof, Memory seat, Wiper, Defogger, etc.

ORDERING INFORMATION

CP □ - □ - □ - □

Contact arrangement

1: 1 Form C

1a: 1 Form A

1W: 1 Form C for wiper load

Mounting classification

Nil: PC board terminal/wiper load

SA: Surface-mount terminal*1

Coil voltage (DC)

12 V

Packing style*2

Nil: Tube packing

X: Tape and reel packing (picked from the NC terminal side)

Z: Tape and reel packing (picked from the coil terminal side)

TYPES

1. PC board terminal type

Contact arrangement	Coil voltage	Part No.
1 Form A	12V DC	CP1a-12V
1 Form C		CP1-12V
1 Form C for wiper load		CP1W-12V

Standard packing; Carton (tube): 40 pcs.; Case: 1,000 pcs.

2. Surface mount terminal type

Contact arrangement	Coil voltage	Part No.
1 Form C	12V DC	CP1SA-12V-X
		CP1SA-12V-Z

Standard packing; Carton (tape and reel): 300 pcs.; Case: 900 pcs.

Notes: *1. Surface-mount terminal type is available only for 1 form C contact arrangement.

*2. Surface mount terminal type is only supplied in tape and reel packaging. Tube packaging is only available for PC board type.

Tape and reel packing symbol "-z" or "-x" are not marked on the relay.