Panasonic



Relay for control panel of 1A to 10A (1c/2c/3c/4c)

HC RELAYS





Standard type

Amber sealed type



With diode type

RoHS compliant

FEATURES

- 1. Standard type and Amber sealed type
- 2. Rich lineup includes relays with operating indication, with diode
- 3. Full range of types
 Plug-in type, PC board type and TM
 type
- 4. Sockets and terminal sockets are available.

TYPICAL APPLICATIONS

- 1. Factory automation equipment and automotive devices
- 2. Control panels, power supply equipment, molding equipment, machine tools, welding equipment, agricultural equipment, etc.
- 3. Office equipment, automatic vending machines, telecommunications equipment, disaster prevention equipment, copiers, measuring devices, medical equipment, amusement devices, etc.
- 4. All types of household appliance

ORDERING INFORMATION

Standard type

Standard type		
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Contact arrangement 1: 1 Form C 2: 2 Form C 3: 3 Form C 4: 4 Form C 4D: Bifurcated contact (twin)		
Terminal arrangement H: Plug-in type HL: Plug-in with LED indicati HP: PC board type HPL: PC board with LED indic HTM: TM type		
Nominal coil voltage AC 6, 12, 24, 48, 100 (100/110 200 (200/220), 240 (220/20) DC 6, 12, 24, 48, 100 (100/110	40) V	
Contact material	I	
Contact material arrangement	AgSnO₂ type	AgNi type
1 Form C	F	
2 Form C	F	

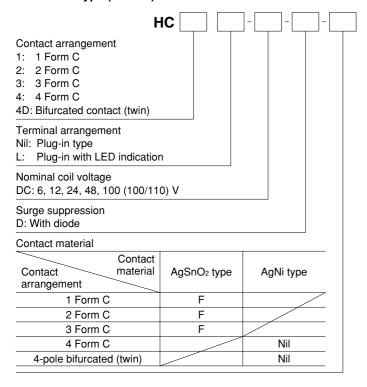
Amber sealed type

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Contact arrangement 1: 1 Form C 2: 2 Form C 4: 4 Form C			
Nil: Standard type E: Amber sealed type ED: Amber sealed type bifurca (twin) (Only 4 Form C)	ted contact		
Terminal arrangement H: Plug-in type L: Plug-in with LED indicati HP: PC board type PL: PC board with LED indic HTM: TM type			
Nominal coil voltage AC 6, 12, 24, 48, 100 (100/110 200 (200/220), 240 (220/24) DC 6, 12, 24, 48, 100 (100/110	40) V		
Contact material			
Contact material arrangement	AgSnO ₂ type	AgNi type	•
1 Form C	F		_
2 Form C	F		
4 Form C		Nil	
4-pole bifurcated (twin)		Nil	

3 Form C 4 Form C 4-pole bifurcated (twin)

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With diode type (For DC)



LINEUP

Туре	Contact arrangement		Į			Ţ		Remarks
			Plug-in terminal type		PC board terminal type		Top mounting type	
			Without LED	With LED	Without LED	With LED	(TM type)	
HC relay Standard type	Single side stable	1 Form C	A	Α	A	A	A	
		2 Form C	Α	Α	A	A	A	
		3 Form C	Α	Α	Α	Α	A	
		4 Form C	Α	Α	Α	Α	Α	
	Bifurcated (Twin)	4 Form C	Α	Α	Α	Α	Α	
HC relay Amber sealed type	Single side stable	1 Form C	Α	Α	Α	Α	Α	
		2 Form C	Α	Α	Α	Α	Α	
		4 Form C	Α	Α	Α	Α	Α	
	Bifurcated (Twin)	4 Form C	Α	Α	Α	Α	Α	
DC type with surge absorbing diode	Single side stable	1 Form C	Α	Α	_	_	_	Amber sealed type also available
		2 Form C	Α	Α	_	_	_	
		3 Form C	Α	Α	_	_	_	
		4 Form C	Α	Α	_	_	_	
	Bifurcated (Twin)	4 Form C	Α	Α	_	_	_	

A: Available

Notes: 1. HC relays with ground terminals also available.
2. HC relays with 0.9 mm wide PC board terminals also available.

HC RELAY CONTACT ARRANGEMENT

Туре	Single side stable contact	4-pole bifurcated (twin) contact
Part number	HC□	HC4D
Features	Suitable for high-capacity load switching Standard type HC relays have high single-contact capacity; 1 Form C: 10 A 2 Form C and 3 Form C: 7 A 4 Form C: 5 A	Bifurcated (twin) contact ensures high contact reliability Suitable for low level loads Minimum switching capability: 100 μA 100m V DC (reference value)

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