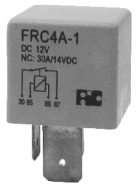
Features

High contact rating (30A)
High temperature design
Ideal for use in automobile
Quick connect terminal



Ordering information

FRC4 A - 1 R - DC12V
1 2 3 4 5

1 Relay model 2 Contact arrangement: A: 1 Form A 3 Mounting termination: 1: Plain Dust cover 4 Coil suppression: NIL: Standard type; R : Resistor; N : Diode	5 Rated voltage Note: RoHS : RoHS compliant relay RoHS-I : AgNi contact RoHS-N: $AgSnO_2$ contact

Coil rating

Rated voltage (V)	Coil resistance Ω+/-10%	Rated current (mA)	Must operate voltage	Must dropout voltage	Maximum voltage	Power consumption (W) Approx.	Operate time (ms)	Release time (ms)
			% of rated voltage (at 20°C)					
6 12 24	20 80 320	300 150 75	65 Max.	12.5 Min.	130 Max.	1.8	<7	<5

CAUTION: 1. The use of any coil voltage less than the rated coil voltage will compromise the operation of the relay.
2. Pickup and release voltage are for test purposes only and are not to be used as design criteria.

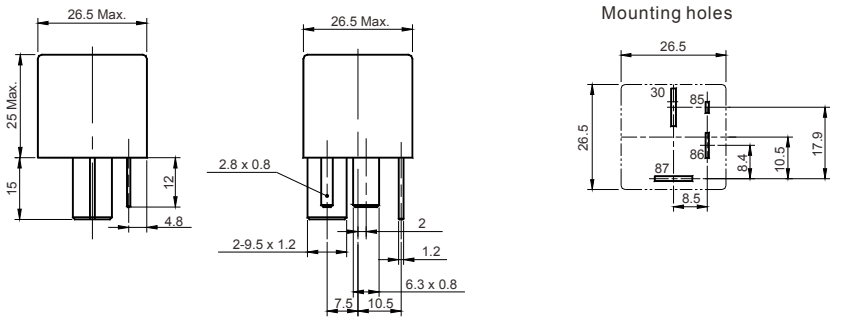
Characteristics

Contact arrangement		SPST (1 Form A)
Contact material		Silver alloy
Contact resistance		50mΩ Max.
Contact rating (resistive)		30A 14VDC
Switching power		420W Max.
Switching voltage		DC 75V Max.
Insulation resistance		100MΩ Min. (500VDC)
Dielectric strength		500VAC (50Hz/min)
Shock resistance		20g Approx.
Vibration resistance		1.5mm Double amplitude 10-40Hz
Ambient temperature		-40°C to +85°C (Special request up to 125°C)
Humidity		85% RH, 40°C
Operation life	Mechanical	10^7
	Electrical	10^5 (2 sec on / 2 sec off)
Weight		30g Approx.

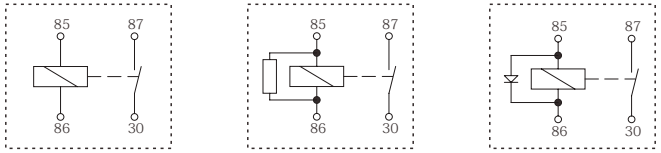
(Specifications are subject to change without notices.)

Dimensions

mm



Wiring diagram



1 Form A | With resistor | With diode