

FRT4 RELAY



Subminiature Light Duty Relay

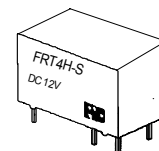
FEATURES

High sensitivity : 150mW

P.C.B. mounting : Dil pitch terminal

Use on telecommuniacion , domestic appliances, office, machines, audio equipments

Dust cover or sealed type



Recognized File No. : E141516

SPECIFICATIONS

COIL RATING

RATED VOLTAGE (V DC)	COIL RESISTANCE Ω +/-10 %		RATED CURRENT (mA)		MUST OPERATE VOLTAGE	MUST DROPOUT VOLTAGE	MAXIMUM VOLTAGE	POWER CONSUMPTION (W)
	FRT4	FRT4H	FRT4	FRT4H	% OF RATED VOLTAGE (AT +20°C)			(W)
1.5	11.3	15	132.7	100	80 Max.	10 Min.	120 Max.	FRT4 0.2W APPROX. FRT4H 0.15W APPROX.
3	45	60	66.7	50				
5	125	167	40	29.9				
6	180	240	33.3	25				
9	405	540	22.2	16.7				
12	720	960	16.7	12.5				
24	2880	3840	8.3	6.3				

CHARACTERISTICS

Contact Arrangement	SPST (1 FORM A) SPDT (1 FORM C)
Contact Material	Silver Alloy
Contact Resistance	100m Ω Max. (Measured at 1A 6V DC)
Contact Rating (Resistive Load)	1A 24VDC / 0.5A 125VAC
Switching Voltage	DC 60V Max. AC 125V Max.
Switching Current	1A Max.
Switching Capacity	62.5VA / 30W
Operate Time (Initial)	5ms Max.
Release Time (Initial)	5ms Max.
Bounce Time	5ms Max.
Insulation Resistance	1000M Ω Min. (500V DC)
Dielectric Strength	400VAC (50Hz/min.) Between open contacts 1000VAC (50Hz/min.) Between coil and contact
Shock Resistance	100m/s ²
Vibration	3.3mm Double amplitude, 10-55 Hz
Ambient Temperature	-30°C to +70°C
Humidity	35% - 85% RH
Operation Life	Mechanical : 5 x 10 ⁶ (36000 ops/hr) Electrical : 1 x 10 ⁵ (1800 ops/hr)
Weight	2.2g Approx.

[Specifications are subject to change without notices.]

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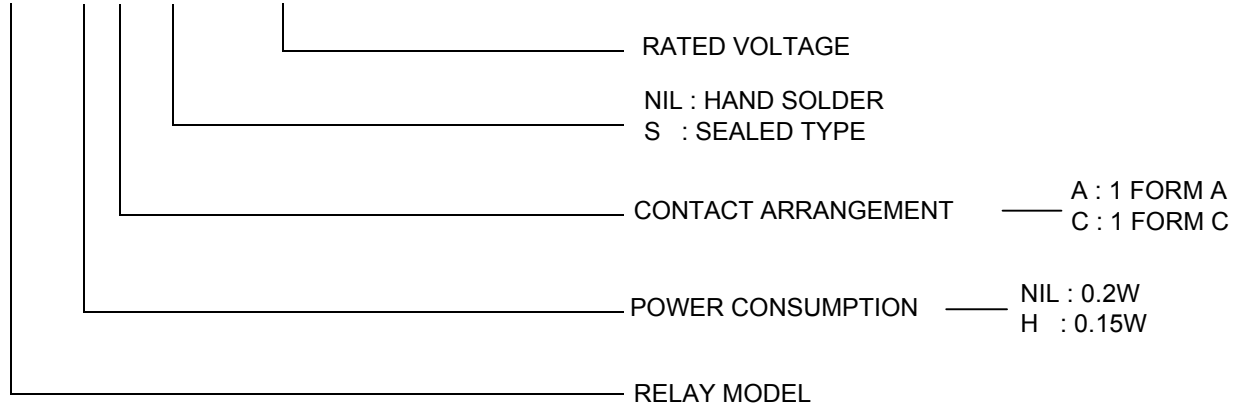
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FRT4 RELAY



ORDERING INFORMATION

FRT4 H C- S DC12V



Note : Pb-Free and RoHS compliant relays are available.

For ordering, please add suffix "Pb-Free" or "RoHS" to standard relay part numbers.

For example : FRT4C-S DC 12V "Pb-Free" for Pb-Free Relay

For example : FRT4C-S DC 12V "RoHS" for RoHS Compliant Relay

DIMENSIONS (UNIT:mm)

