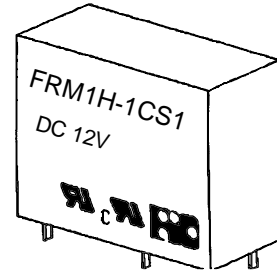


# FRM1H RELAY

## FEATURES

- Miniature high power relay with big performance in small package
- High contact capacity
- Designed for the use of heavy duty
- Slim type and low cost
- Dust cover and sealed type is available.



## SPECIFICATIONS

### COIL RATING

RATED VOLTAGE ( V DC)	COIL RESISTANCE $\Omega$ +/- 10 %	RATED CURRENT (mA)	MUST OPERATE VOLTAGE	MUST DROPOUT VOLTAGE	MAXIMUM VOLTAGE	POWER CONSUMPTION (W)
			% OF RATED VOLTAGE (At +20 °C)			
5	47	106	70 Max.	10 Min.	110 Max.	0.53 Approx. (For 110VDC 0.75 Approx.)
6	69	87				
9	155	58				
12	275	44				
24	1100	22				
48	4400	11				
110	16200	7				

### CHARACTERISTICS

Contact Arrangement	SPST( 1 Form A / 1 Form B), SPDT(1 Form C)
Contact Material	AGCDO
Contact Resistance	50m $\Omega$ Max. (Drop 24V DC 1A)
Contact Rating (Resistive Load)	20A 277VAC/24VDC 1HP 240V AC
Switching Voltage	DC125V/AC 277V Max.
Operate Time (Initial)	15ms Max.
Release Time (Initial)	5ms Max.
Insulation Resistance	1000M $\Omega$ Min. ( 500V DC)
Dielectric Strength	1000V AC(50Hz/min) Between open contacts 5000V AC(50Hz/min) Between coil and contact
Ambient Temperature	-40 °C to +85 °C
Humidity	20 to 85% RH
Operation Life	Mechanical : $5 \times 10^6$ Electrical : $1 \times 10^5$ 12A 277VAC/24VDC 1HP 240VAC $0.5 \times 10^5$ 16A 277VAC/24VDC $2 \times 10^4$ 20A 277VAC/24VDC $0.25 \times 10^5$ 8A Tungsten 120VAC (TV-8)
Weight	18g Approx.

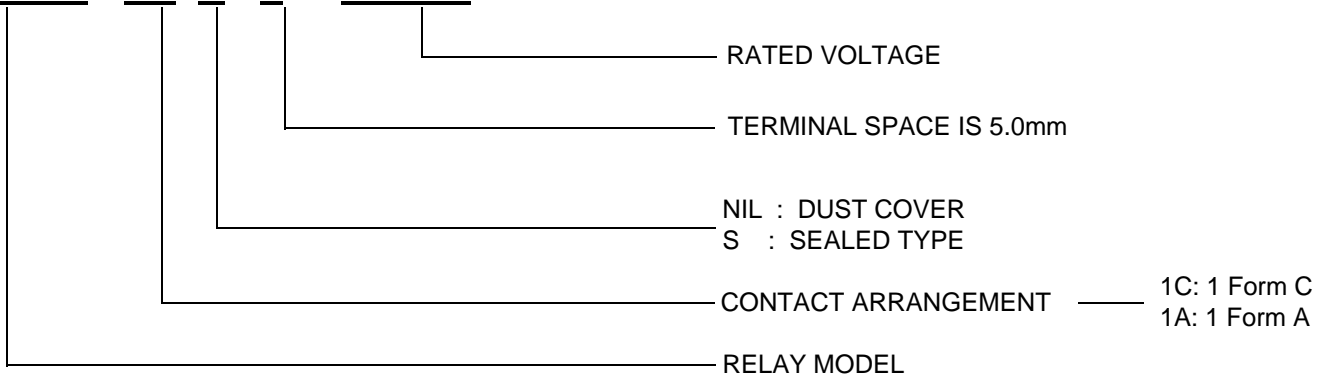
[Specifications are subject to change without notices]

# FRM1H RELAY



## ORDERING INFORMATION

FRM1H - 1C S 2 - DC12V



## DIMENSIONS (Unit:mm)

