

FEATURES

Miniature high power relay with big performance in small package

High contact capacity

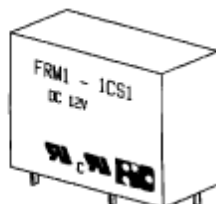
Designed for the use of heavy duty

Slim type and low cost

Dust cover or sealed type

 c  Recognized File No.: E141516, TV5

 Recognized File No.: R2034463 (For FRM1 with 1 pole only)



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)
			% OF RATED VOLTAGE (At +20 °C)			
12	275	44	75 Max.	10 Min.	110 Max.	0.56 Approx. (For 110VDC, 0.75 Approx.)

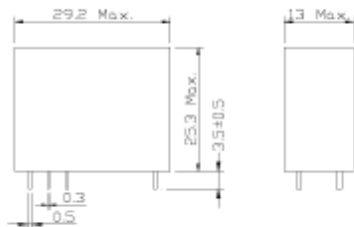
CHARACTERISTICS

Contact Arrangement	SPDT(1 Form C)
Contact Material	Silver Alloy
Contact Resistance	50m Ω Max. (Measured at 1A 30VDC)
Contact Rating (Resistive Load)	1 Form C (10A 30VDC/220VAC)
Switching Voltage	DC30V/AC 250V Max.
Operate Time (Initial)	15ms Max.
Release Time (Initial)	5ms Max.
Insulation Resistance	1000M Ω Min. (500V DC)
Dielectric Strength	1000V AC(50Hz/min.) Between open contacts 5000V AC(50Hz/min.) Between coil and contact 3000V AC(50Hz/min.) Between contact sets (For 2 Poles)
Ambient Temperature	-40°C to +85°C
Vibration	10 - 55Hz 1.5mm Double Amplitdue
Humidity	20 - 85% RH
Operation Life	Mechanical : 10 ⁷ Electrical : 10 ⁵ (At rated load)
Weight	18g Approx.

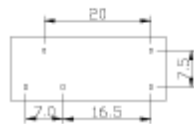
[Specifications are subject to change without notices.]

DIMENSIONS (UNIT:mm)

SINGLE POLE



MOUNTING HOLES



TERMINAL
ARRANGEMENT
(BOTTOM VIEW)

