

## FEATURES

Small size and light weight

High reliability, long service life

Cover load from 3A up to 7A on 2,3 and 4 poles

Strong construction for vibration and shock

  recognized



## SPECIFICATIONS

### COIL RATING

RATED VOLTAGE (V)	COIL RESISTANCE Ω +/- 10 %	RATED CURRENT (mA)		MUST OPERATE VOLTAGE	MUST DROPOUT VOLTAGE	MAXIMUM VOLTAGE	POWER CONSUMPTION
		50Hz	60Hz	% OF RATED VOLTAGE (At +20 °C)			
AC	6	11.5	234	200	30 Min.   80 Max.	110 Max.	1.2 VA
	12	46	117	100			
	24	184	58.5	50			
	36	370	39	33.4			
	48	735	28	24			
	120	4550	14.1	13.6			
	220/240	13000	11.4	10			
DC	6	40	150		10 Min.		0.9W
	12	160	75				
	24	650	36.9				
	36	1500	24.5				
	48	2600	18.5				
	110	11000	10				

### CHARACTERISTICS

Contact Arrangement	DPDT(2 Form C), 3PDT(3 Form C), 4PDT(4 Form C)
Contact Material	Silver Alloy
Contact Resistance	50mΩ Max. (Measured at 1A 30VDC)
Contact Rating (Resistive Load)	( See figure 1 )
Switching Voltage	125V DC/ 250V AC Max.
Operate Time	25ms Max.
Release Time	25ms Max.
Insulation Resistance	1000MΩ Min. (500V DC)
Dielectric Strength	1000V AC(50Hz/min.) Between open contacts 1500V AC(50Hz/min.) Between coil and contact
Shock Resistance	100m/s <sup>2</sup> Malfunction
Vibration Resistance	1.5mm Double amplitude, 10-50Hz
Ambient Temperature	-40°C to +85°C
Humidity	35 - 95% RH
Operation Life	Mechanical : 2 x 10 <sup>7</sup> Electrical : For DPDT & 3PDT : <b>7Amp</b> : 1 x 10 <sup>5</sup> <b>5Amp</b> : 2 x 10 <sup>5</sup> : For 4PDT                 : <b>5Amp</b> : 1 x 10 <sup>5</sup> <b>3Amp</b> : 2 X 10 <sup>5</sup>
Weight	35g Approx.

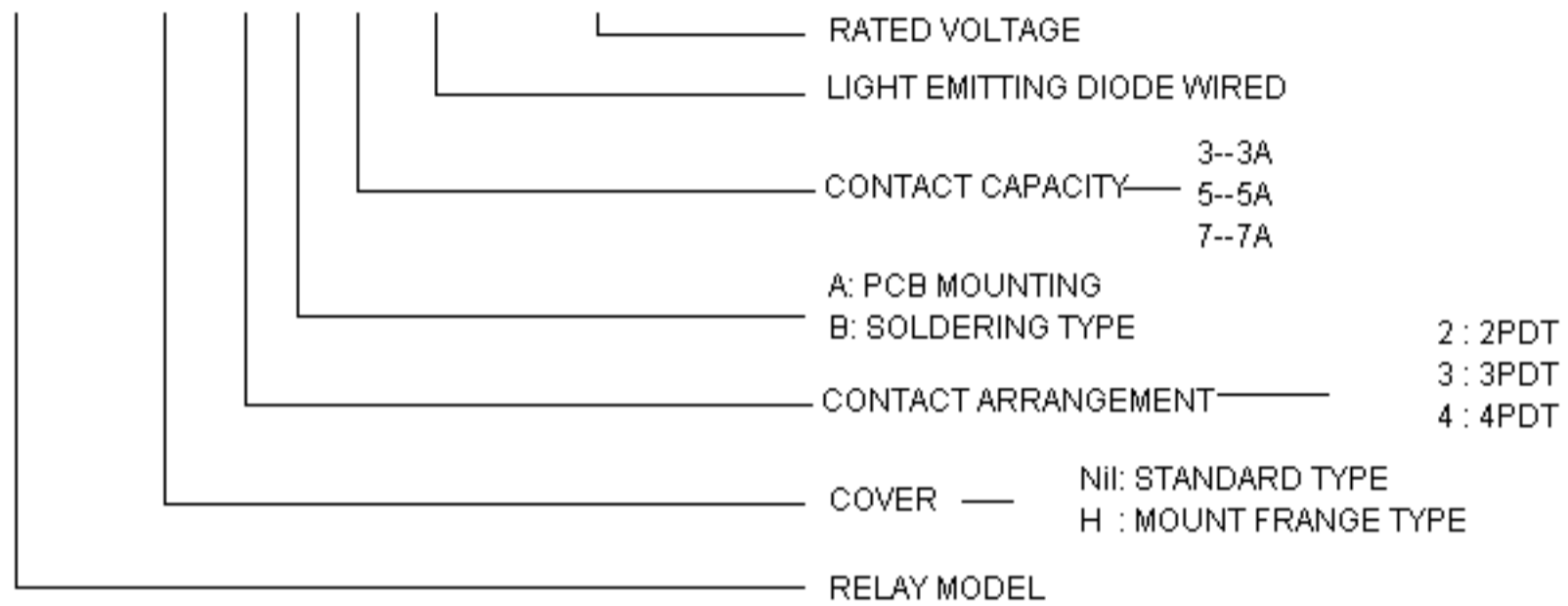
[Specifications are subject to change without notices.]

FIGURE 1

Item	Load	2,3 Poles		4 Poles	
		5A	7A	3A	5A
Rating Load		30V DC / 220V AC		30V DC / 220V AC	
Switching Current		5A	7A	5A	5A
Switching Capacity		1100VA / 150W	1540VA / 210W	660VA / 90W	1100VA / 150W

## ORDERING INFORMATION

M3 - H 2 A 5 - L - DC12V



## DIMENSIONS (UNIT: mm)

