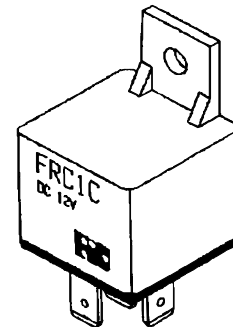


# FRC1 RELAY



## FEATURES

- High contact rating (40A)
- High temperature design
- 1 Form A and 1 Form C arrangements
- Ideal for use in control-car starter and light
- Quick connect or P.C. board terminals
- Dust cover or sealed type



## 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)			
6	22.5	267	65 Max.	10 Min.	130 Max.	1.6
12	90	133				
24	360	67				

### CHARACTERISTICS

Contact Arrangement	1 Form A (SPST), 1 Form C (SPDT), 1 Form U (= 2 x 1 Form A)
Contact Material	Silver Alloy
Contact Resistance	50m $\Omega$ Max
Contact Rating (Resistive Load)	N.O. : 40A 14VDC; N.C. : 30A 14VDC For 1 Form U : 2 x 15A
Switching Voltage	DC 75V
Operate Time (Initial)	7ms Max.
Release Time (Initial)	5ms Max.
Insulation Resistance	100M $\Omega$ Min.( 500V DC)
Dielectric Strength	500Vrms between coil and contact
Shock Resistance	20g Approx.
Vibration Resistance	10-40Hz, Double amplitude 1.5mm
Ambient Temperature	-40°C to +85°C
Humidity	20 - 85% RH
Operation Life	Mechanical : 10 <sup>7</sup> Electrical : 10 <sup>5</sup>
Weight	30g Approx.

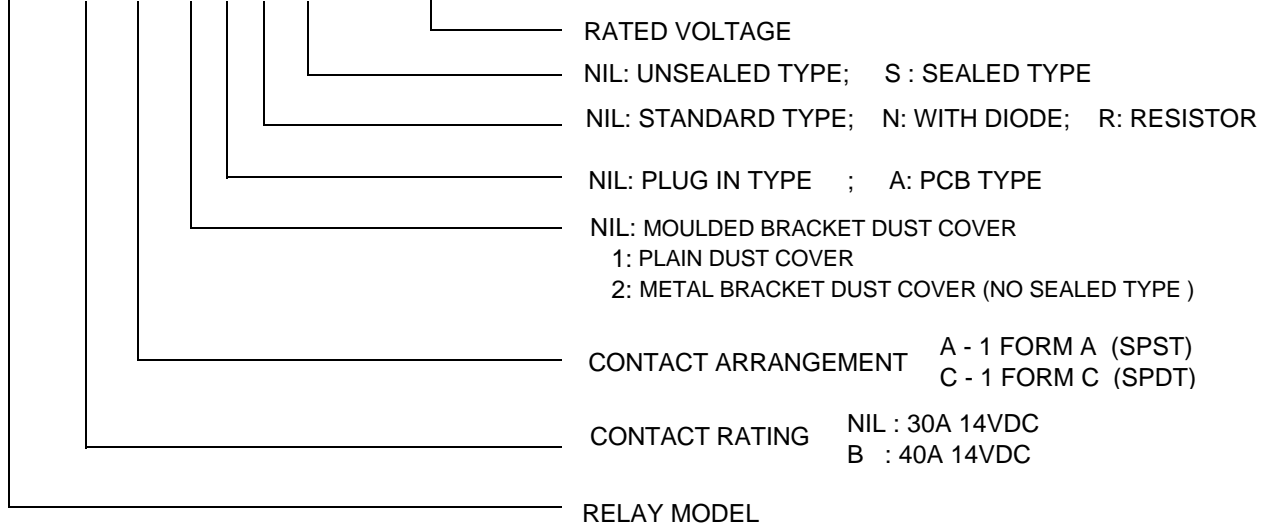
[Specifications are subject to change without notices.]

# FRC1 RELAY



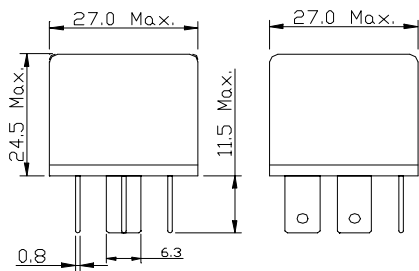
## ORDERING INFORMATION

### FRC1 B A -1 A N S - DC12V

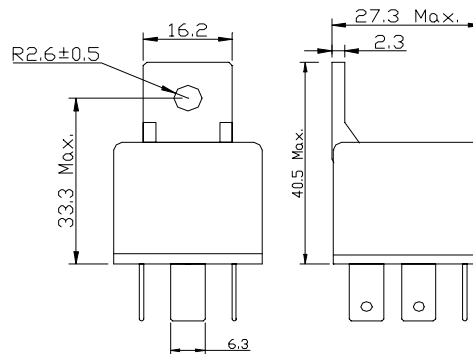


## DIMENSIONS (UNIT:mm)

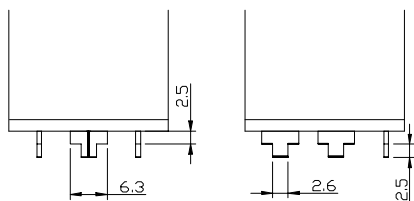
PLAIN DUST COVER  
(PLUG IN TYPE TERMINAL)



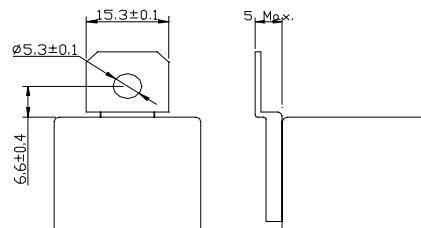
MOULDED BRACKET DUST COVER



PCB TYPE TERMINAL



METAL BRACKET DUST COVER



TERMINAL ARRANGEMENT (BOTTOM VIEW)

