

FRC2 RELAY



FEATURES

- High contact rating (50A)
- High temperature design
- Ideal for using in control-car starter and light
- Plug in terminal



SPECIFICATIONS

COIL RATING

RATED VOLTAGE (V DC)	COIL RESISTANCE Ω +/- 10 %	RATED CURRENT (mA)	MUST OPERATE VOLTAGE	MUST DROPOUT VOLTAGE	MAXIMUM VOLTAGE	POWER CONSUMPTION
			% OF RATED VOLTAGE (At +20 °C)			
6	20	300	65 Max.	10 Min.	130 Max.	1.8W (Approx.)
12	80	150				
24	320	75				
48	1280	37.5				

* IF USE RESISTOR :
6VDC WITH 180 Ω RESISTOR
12VDC WITH 680 Ω RESISTOR
24VDC WITH 2702 Ω RESISTOR

CHARACTERISTICS

Contact Arrangement	1 Form A; 1 Form C; 1 Form U (= 2 x 1 Form A)
Contact Material	Silvery Alloy
Contact Resistance	30m Ω Max.
Contact Rating (Resistive Load)	1A : 50A 14V DC 1C : (NO) 50A 14V DC (NC) 40A 14V DC 1U (2 x 1 Form A) : 2 x 25A 14VDC
Switching Voltage	DC 75V
Operate Time (Initial)	7ms Max. Typical
Release Time (Initial)	5 ms Max. Typical
Insulation Resistance	100M Ω Min. (500V DC)
Dielectric Strength	500Vrms between coil and contact
Shock Resistance	20g Approx.
Vibration Resistance	1.5mm Double amplitude 10-40Hz
Ambient Temperature	Operating : -40°C to +85°C Storage : -40°C to + 125°C
Humidity	40 - 85% RH
Operation Life	Mechanical : 10 ⁷ Electrical : 10 ⁵ (At rated load)
Weight	35g Approx.

[Specifications are subject to change without notices.]

FORWARD INDUSTRIAL COMPANY. (O/B COMMERCIAL UNION LTD)

RM. 1405, Wu Sang House, 655 Nathan Road, Mongkok, Kowloon, Hong Kong.

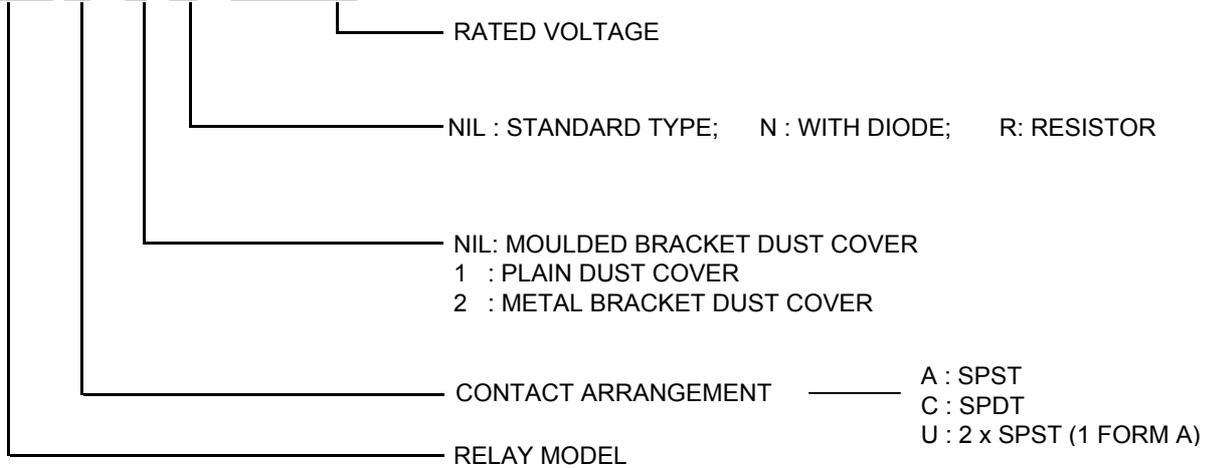
TEL : (852) 27892365 FAX : (852) 27893102 E-MAIL : sales@ficrelay.com.hk WEBSITE : <http://www.ficrelay.com.hk>

FRC2 RELAY



ORDERING INFORMATION

FRC2 A - 1 N - DC12V



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

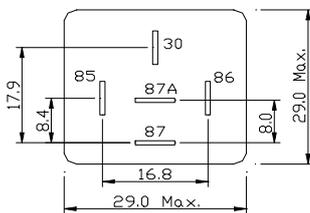
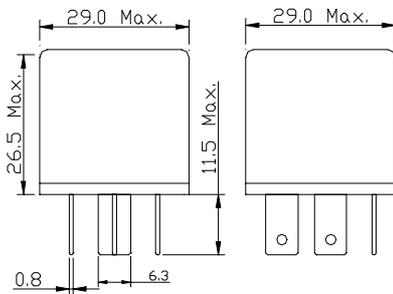
For ordering, please add suffix "Pb-Free" or "RoHS" to standard relay part numbers.

For example : FRC2A-1 DC 12V "Pb-Free" for Pb-Free Relay

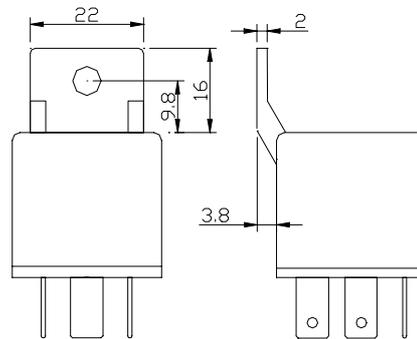
For example : FRC2A-1 DC 12V "RoHS" for RoHS Compliant Relay

DIMENSIONS (UNIT : mm)

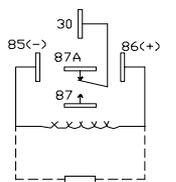
PLAIN DUST COVER
(PLUG IN TYPE TERMINAL)



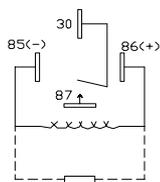
MOULDED BRACKET DUST COVER



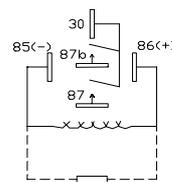
TERMINAL ARRANGEMENT (BOTTOM VIEW)



Diode or Resistor If Used
1 FORM C



Diode or Resistor If Used
1 FORM A



Diode or Resistor If Used
1 FORM U