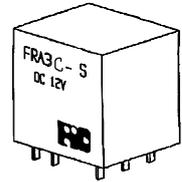


FRA3 RELAY



FEATURES

- Miniature power designed for mounting on PC Board
- Small size and light weight
- Low cost and high performance
- Switching capacity up to 25A
- Open type, dust cover or sealed type



SPECIFICATIONS

COIL RATING

RATED VOLTAGE (V DC)	COIL RESISTANCE Ω \pm 10 %	RATED CURRENT (mA)	MUST OPERATE VOLTAGE	MUST DROPOUT VOLTAGE	MAXIMUM VOLTAGE	POWER CONSUMPTION (W)
			% OF RATED VOLTAGE (At +20 °C)			
6	30	200	57.5 Max.	10 Min.	150 Max.	1.2 Approx.
12	120	100				
24	480	50				

CHARACTERISTICS

Contact Arrangement	1 Form A, 1 Form B, 1 Form C, 1 Form U, 1 Form V, 1 Form W.
Contact Material	Silver Alloy
Contact Resistance	50m Ω Max.
Contact Rating (Resistive Load)	1 Form A (NO) 25A 14VDC 1 Form C (NO) 15A 14VDC; (NC) 10A 14VDC 1 Form U (NO-DM) 2 X 15A/14VDC 1 Form V (NC-DB) 2 x 10A/14VDC 1 Form W : (NO) 2 x 15A; (NC) 2 x 10A
Switching Voltage	DC 75V Max.
Operate Time (Initial)	6ms Max.
Release Time (Initial)	3ms Max.
Insulation Resistance	100M Ω Min. (500V DC)
Dielectric Strength	750V AC(50Hz/min.) Between open contacts 1500V AC(50Hz/min.) Between coil and contact
Shock Resistance	10g Approx.
Vibration Resistance	1.27mm Double amplitude, 10-40Hz.
Ambient Temperature	Storage : -40°C to +130°C Operating :-40°C to +85°C
Humidity	20 - 85% RH
Operation Life	Mechanical : 10 ⁷ Electrical : 10 ⁵ (At rated load)
Weight	9g Approx. (Open type), 12g Approx. (Sealed type)

[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.

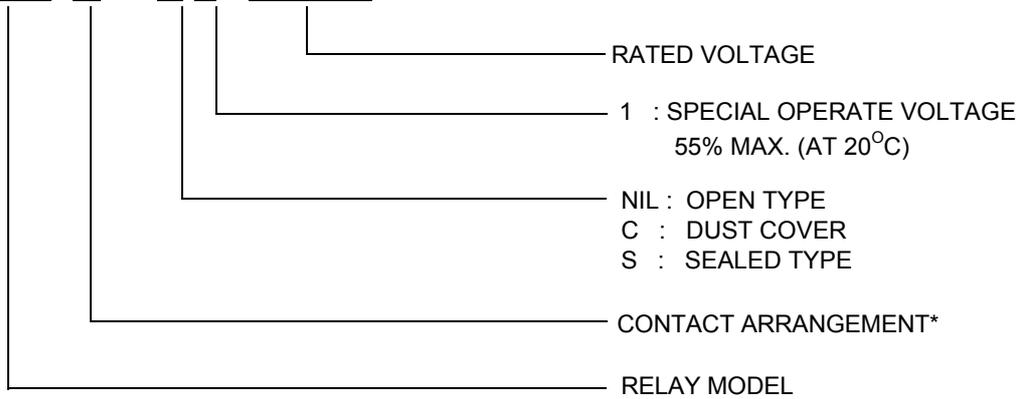
TEL : (852) 27892365 FAX : (852) 27893102 E-MAIL : sales@ficrelay.com.hk WEBSITE : <http://www.ficrelay.com.hk>

FRA3 RELAY



ORDERING INFORMATION

FRA3 C - S 1 DC12V



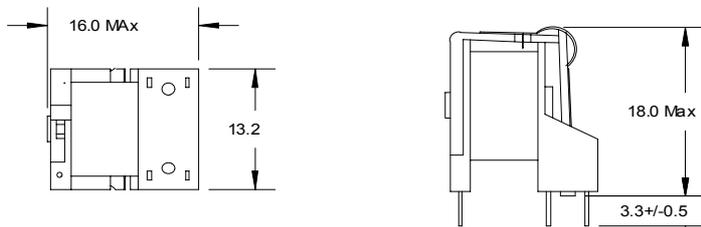
* CONTACT ARRANGEMENT: A: 1 FORM A, B: 1 FORM B, C: 1 FORM C, U: 1 FORM U, V: 1 FORM V, W: 1 FORM W.

Note : Pb-Free and RoHS compliant relays are available.
For ordering, please add suffix "Pb-Free" or "RoHS" to standard relay part numbers.

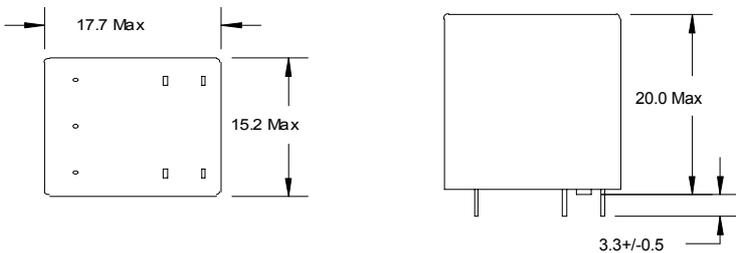
For example : FRA3C-S1 DC 12V "Pb-Free" For Pb-Free Relay
 For example : FRA3C-S1 DC 12V "RoHS" For RoHS Compliant Relay

DIMENSIONS (Unit:mm)

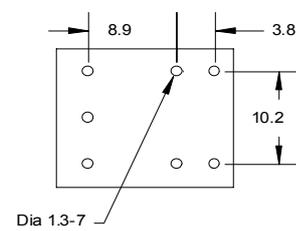
OPEN TYPE



DUST COVER TYPE / SEALED TYPE



MOUNTING HOLES



TERMINAL ARRANGEMENT (BOTTOM VIEW)

