

FRA3 RELAY



FEATURES

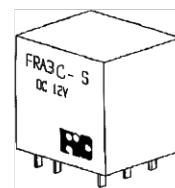
Miniature power designed for mounting on PC Board

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 +/- 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)

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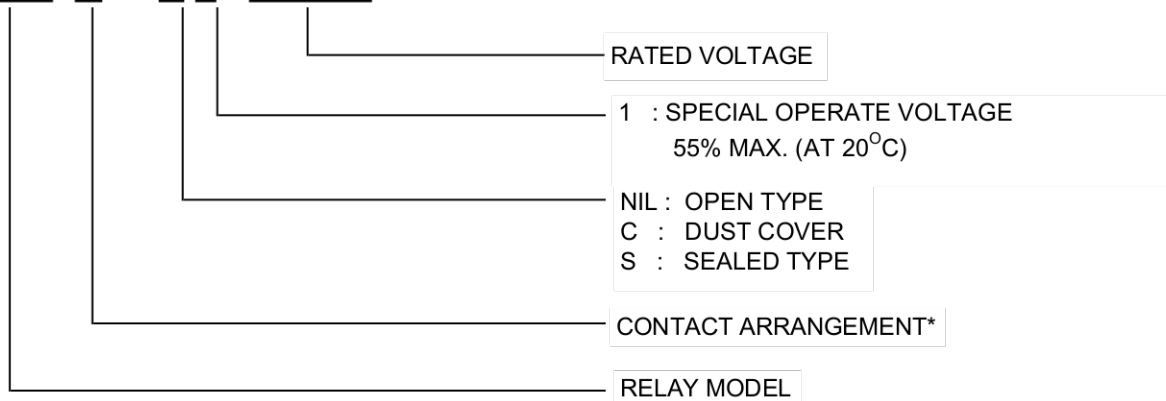
TEL : (852) 27892365 FAX : (852) 27893102 E-MAIL : sales@ficrelay.com.hk WEBSITE : <http://www.ficrelay.com.hk>

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.

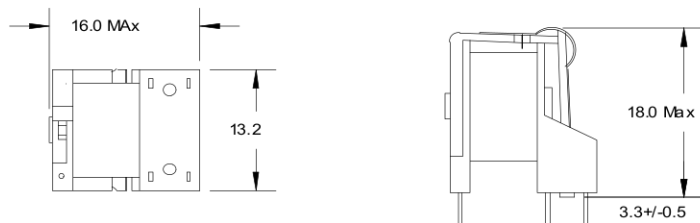
For ordering, please add suffix "Pb-Free" or "RoHS" to standard relay part numbers.

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

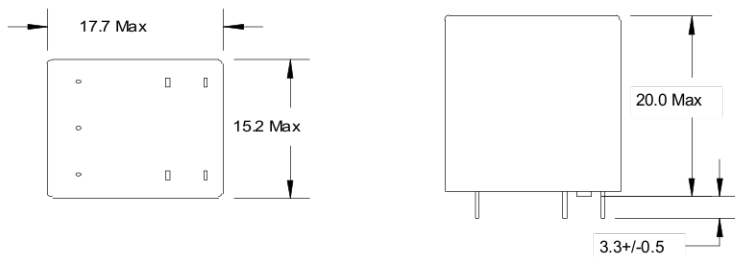
For example : FRA3C-S1 DC 12V "RoHS" For RoHS Compliant Relay

DIMENSIONS (Unit:mm)

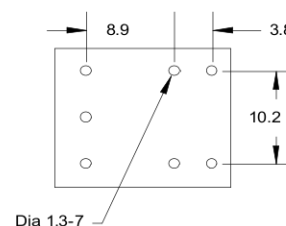
OPEN TYPE



DUST COVER TYPE / SEALED TYPE



MOUNTING HOLES



TERMINAL ARRANGEMENT (BOTTOM VIEW)

