

EN: This Datasheet is presented by the manufacturer.

Please visit our website for pricing and availability at www.hestore.hu.

FRA2 RELAY



FEATURES

Miniature high power designed for P.C. Board

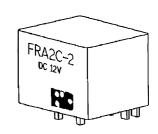
Automobile relay with high switching power

Capable of switching lamp 150W or 14VDC 40A (resistive load)

Low cost and high performance

European(11mm) or USA(8mm) footprints

Open type, dust cover or sealed type



SPECIFICATIONS

COIL RATING

	RATED VOLTAGE	COIL RESISTANCE	RATED CURRENT	MUST OPERATE VOLTAGE	MUST DROPOUT VOLTAGE	MAXIMUM VOLTAGE	POWER CONSUMPTION
	(VDC)	Ω +/- 10 %	(mA)	% OF RATED VOLTAGE (At +20 °C)			(W)
	6	19	315				
ſ	12	90	133	57.5 Max.	10 Min.	150 Max.	1.6 Approx.
ſ	24	362	66				

CHARACTERISTICS

Contact Arrangement	SPST (1 Form A or 1 Form B); SPDT (1 Form C)				
Contact Material	Silver Alloy				
Contact Resistance	30m $Ω$ Max.				
Contact Rating (Resistive Load)	NO: 40A/14VDC NC: 30A/14VDC <special 14vdc="" 45a="" no:="" request=""></special>				
Switching Voltage	DC 75V Max.				
Operate Time (Initial)	5ms Max.				
Release Time (Initial)	3ms Max.				
Insulation Resistance	100MΩ Min.(500V DC)				
Dielectric Strength	500V AC(50Hz/min.) Between open contacts 750V AC(50Hz/min.) Between coil and contact				
Shock Resistance	20g Approx.				
Vibration Resistance	1.27mm Double amplitude, 10-40Hz				
Ambient Temperature	Storage : -40°C to +130°C Operation : -40°C to +85°C				
Humidity	20 - 85% RH				
Operation Life	Mechanical : 10 ⁷				
Operation Life	Electrical : 10 ⁵ (At rated load)				
Weight	(Open type) 18g Approx., (Sealed type) 23g Approx.				

[Specifications are subject to change without notices.]

FORWARD INDUSTRIAL COMPANY (0/B COMMERCIAL UNION LTD)

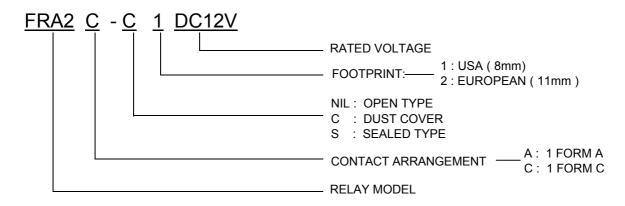
RM. 1450, Wu Sang House, 655 Nathan Road, Mongkok, Hong Kong.

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

FRA2 RELAY



ORDERING INFORMATION



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: FRA2C-C1 DC 12V "Pb-Free" For Pb-Free Relay

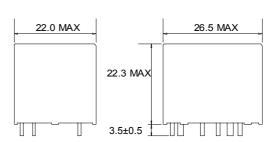
For example: FRA2C-C1 DC 12V "RoHS" For RoHS Compliant Relay

DIMENSIONS(Unit:mm)

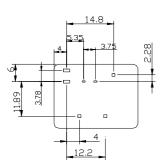
OPEN TYPE

19.0 MAX 24.0 MAX 24.0 MAX 5.4±0.5

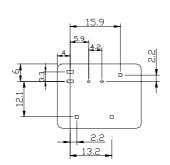
SEALED TYPE



USA FOOTPRINT (8MM) (BOTTOM VIEW) FRA2X-X1



EUROPEAN FOOTPRINT (11MM) (BOTTOM VIEW) FRA2X-X2



WIRING DIAGRAMS





1 FORM C (SPDT)

