FRC7 RELAY



FEATURES

20A contact rating
High temperature design
1 Form A & 1 Form C arrangements
Ideal use for control car
Quick connect or PCB terminals



SPECIFICATION

COIL RATING

RATED VOLTAGE	COIL RESISTANCE Ω + / - 10%		RATED CURRENT (mA)		MUST OPERATE VOLTAGE	MUST DROPOUT VOLTAGE	MAXIMUM VOLTAGE	POWER CONSUMPTION
V DC					0/ OF DATED VOLTAGE (AT 00 ⁰ 0)			(W)
	1 Form A	1 Form C	1 Form A	1 Form C	% OF RATED VOLTAGE (AT 20°C)			
6	30	25	200	250	UNSEALED MODEL : 60 Max.			1 FORM A : 1.2W
12	120	96	100	124	SEALED MODEL : 65 Max.	10 Min.	130 Max.	1 FORM C : 1.5W
24	480	384	50	62.5				

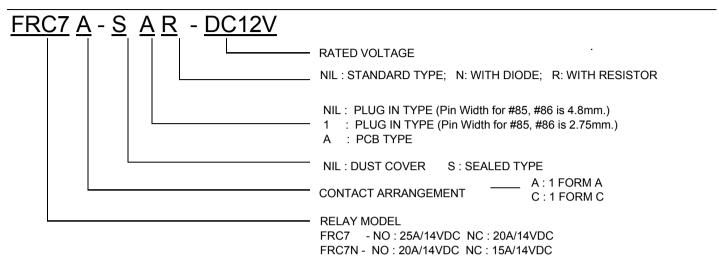
CHARACTERISTICS

Contact Arrangement	SPST (1 Form A); SPDT (1 FORM C)				
Contact Material	Silver Alloy				
Contact Resistance	50mΩ Max.				
Contact Rating (Resistive Load)	FRC7 NO: 25A 14VDC NC: 20A 14VDC				
Contact Nating (Nesistive Load)	FRC7N NO: 20A 14VDC NC: 15A 14VDC				
Switching Voltage	DC 75V Max				
Operate Time (Initial)	10ms Max.				
Release Time (Initial)	7ms Max.				
Insulation Resistance	100MΩ Min. (500V DC)				
Dielectric Strength	500Vrms, 1 minute between coil and contacts				
Shock Resistance	10g Approx.				
Vibration Resistance	1.27mm Double Amplitude, 10-40Hz				

FRC7 RELAY



ORDERING INFORMATION



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

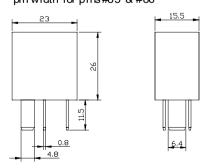
For ordering, please add suffix "Pb-Free" or "RoHS" to standard relay part numbers.

For example : FRC7A DC 12V "Pb-Free" for Pb-Free Relay

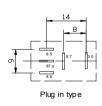
For example : FRC7A DC 12V "RoHS" for RoHS Compliant Relay

DIMENSIONS (UNIT: mm)

FRC7 - Plug in type with 4.8mm pin width for pins #85 & #86



MOUNTING (BOT TOM VIEW)



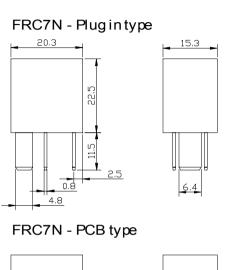
FRC7 - Plug in type with 2.75mm pin width for pins#85 & #86

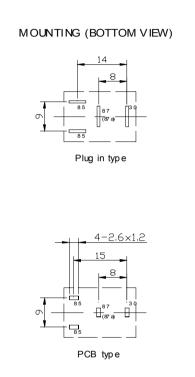
MOUNTING (BOT TOM VIEW)

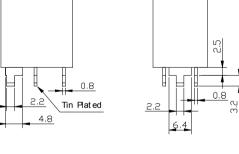












FRC7

WIRING DIAGRAM (BOTTOM VIEW)

BIODE OR RESISTOR RESISTOR RESISTOR 86 87 30 IFADDED 86 87 30

1 FORM C