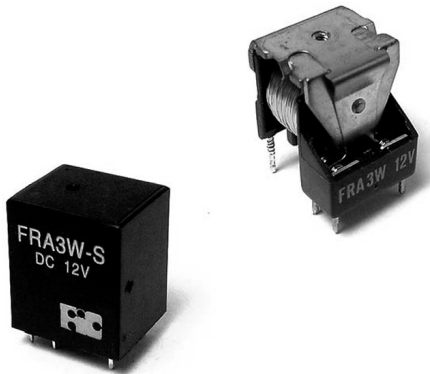


FRA3



- Miniature power designed for mounting on P.C. Board
- Small size and light weight
- Low cost and high performance
- Switching capacity up to 15A
- Open type, dust cover or sealed type

Technical data

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: 50mΩ 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) 2x15A/14VDC
1 Form V (NC-DB) 2x10A/14VDC
1 Form W (NO) 2x15A, (NC) 2x10A
- Switching Voltage: DC 75V Max.
- Operate Time (Initial): 6 ms Max.
- Release Time (Initial): 3 ms Max.
- Insulation Resistance: 100MΩ Min. (500V DC)
- Dielectric Strength:
 - 750V AC (50 Hz/min.) between open contacts
 - 1500V AC (50 Hz/min.) between coil and contacts
- Shock Resistance: 10g Approx.
- Vibration Resistance: 1.27mm Double Amplitude, 10-40 Hz
- Ambient Temperature:
 - Storage: -40 °C to +130 °C
 - Operating: -40 °C to +85 °C
- Humidity: 20 - 85% RH
- Operation Life:
 - Mechanical: 10⁷
 - Electrical: 10⁶ (At rated load)
- Weight:
 - 9g Approx. (Open Type), 12g Approx. (Sealed Type)

Coil rating

Rated Voltage (VDC)	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	75 Max.	10 Min.	130 Max.	1.2 Approx.
12	120	100				
24	480	50				

Ordering information

FRA3 C - S 1 DC 12V

Rated voltage

1: Special operate voltage
55% Max. (at 20°C)

NIL: Open type
C: Dust cover
S: Sealed type

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

Relay model

DIMENSIONS (mm)

