

# FRA8 RELAY



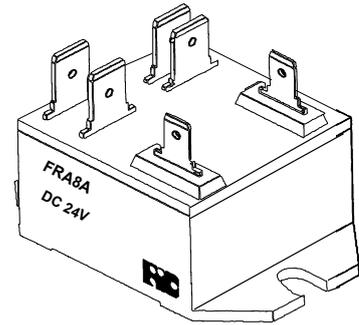
## FEATURES

- 2 Poles, 30A switching capabilities
- P.C. Board or Panel Mount
- Meet requirement of VDE 8mm spacing
- Meet class F construction
- 4KV dielectric
- Dust cover or sealed type



UL Recognized file # : E139468

VDE Pending



## SPECIFICATIONS

### COIL RATING

RATED VOLTAGE (V)	COIL RESISTANCE $\Omega \pm 10\%$		MUST OPERATE VOLTAGE	MUST DROPOUT VOLTAGE	MAXIMUM VOLTAGE	POWER CONSUMPTION
	50Hz	60Hz				
AC	24	45	80 Max.	20 Max.	110 Max.	4.0VA Approx.
	120	1125				
	208	3380				
	220	3800				
	240	4500				
	277	6000	5485			
DC	6	22	75 Max.	10 Min.		1.7W Approx.
	12	86				
	24	350				
	48	1390				
	110	7255				

### CHARACTERISTICS

Contact Arrangement	DPST (2 Form A); DPDT (2 Form C)
Contact Material	Silver Alloy
Contact Resistance	50m $\Omega$ Max. (Measured at 1A 6V DC)
Contact Rating (Resistive Load)	NO : 30A /277VAC; NC : 3A /277VAC; 1HP 120VAC 2.5HP 250VAC 110LRA / 25.3FLA 240VAC (DC coil coil)
Operate Time (Initial)	Typical 15ms (25ms Max. with Bounce)
Release Time (Initial)	Typical 10ms (25ms Max. with Bounce)
Operating Frequency	14ops/minute Max.
Insulation Resistance	1000M $\Omega$ min.( 500V DC)
Dielectric Strength	1500V AC(50Hz/min.) Between open contacts 4000V AC(50Hz/min.) Between coil and contact 2000V AC(50Hz/min.) Between contact set
Shock Resistance	10gr. Approx.
Vibration Resistance	1.65mm Double amplitude, 10-55Hz
Ambient Temperature	Storage: -55°C to 155°C Operating: -40°C to +65°C (AC); -55°C to +85°C (DC)
Humidity	35 - 85% RH
Operation Life	Mechanical : 5x10 <sup>6</sup> Electrical : 10 <sup>5</sup> (At rated load)
Weight	86g Approx.

[Specifications are subject to change without notices.]