

FRS8

RELAY

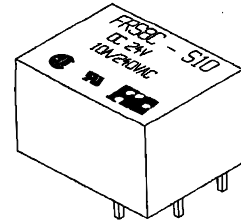


FEATURES

Low cost, high reliable
Small size and light weight
Print circuit terminal, fit grid with 2.54mm
Switching capacity up to 12A
Dust cover or sealed type

Recognized File No.: E141516(N)

Certificate No.: R9858273



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)			
3	20	150	75 Max.	10 Min.	130 Max.	0.45 Approx.
5	55	91				
6	80	75				
9	180	50				
12	320	37.5				
24	1280	18.7				
48	5120	9.3				

CHARACTERISTICS

Contact Arrangement	SPST (1 Form A), SPDT (1 Form C)
Contact Material	Silver Alloy
Contact Resistance	50m Ω Max.
Contact Rating (Resistive Load)	<ul style="list-style-type: none">● 5A 28VDC/125VAC● 10A 28VDC/125VAC● 12A 28VDC/125VAC 10A 240VAC/28VDC 6A 300VAC/28VDC● N.O.: 1/6 HP 2.2 FLA 13.2 LRA 240VAC (FRS8N : 1/3 HP 120VAC) 1/10 HP 3 FLA 18 LRA 120VAC 48VA PILOT DUTY 24VAC● N.C.: 1/10 HP 1.5 FLA 6 LRA 240VAC 2 FLA 12 LRA 120VAC 25VA PILOT DUTY 24VAC● TUV RATING : 12 : 10A 28VDC/250VAC
Switching Voltage	DC 110V Max. AC 380V Max.
Operate Time (Initial)	7ms Max.
Release Time (Initial)	4ms Max.
Insulation Resistance	500M Ω Min.(500V DC)
Dielectric Strength	FRS8/FRS8N : 1000V AC (50Hz/min.) between open contacts FRS8 : 2000V AC (50Hz/min.) between coil and contact FRS8N : 4000V AC (50Hz/min.) between coil and contact
Shock Resistance	10g Approx.
Vibration Resistance	1.5mm Double amplitude, 10-50Hz
Ambient Temperature	-40°C to +85°C
Humidity	20 - 85% RH
Operation Life	Mechanical : 10 ⁷ Electrical : 10 ⁵ (At rated load)
Weight	11g Approx.

[Specifications are subject to change without notices.]

FORWARD INDUSTRIAL COMPANY. (O/B COMMERCIAL UNION LTD)

RM. 1405, Wu Sang House, 655 Nathan Road, Mongkok, Kowloon, Hong Kong.

TEL : (852) 27892365 FAX : (852) 27893102 E-MAIL : sales@ficrelay.com.hk

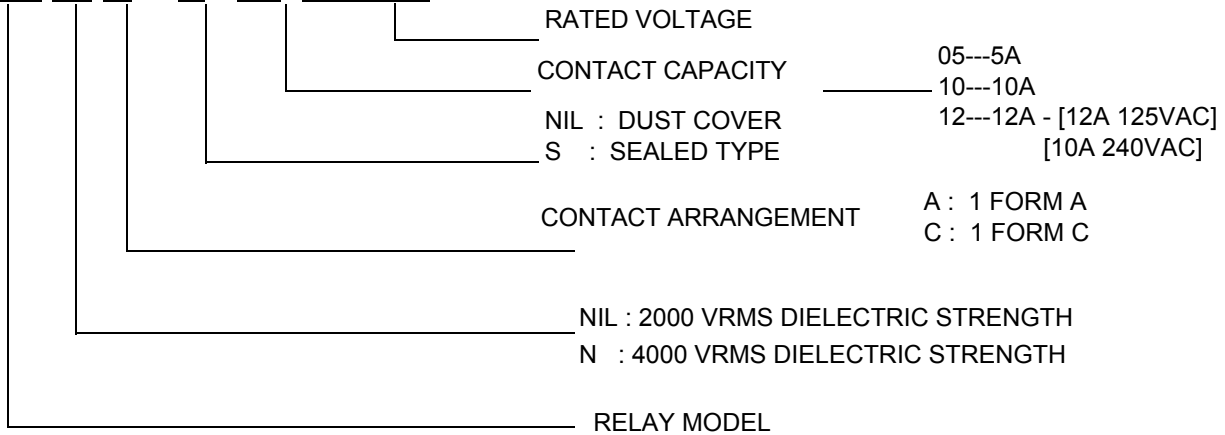
WEBSITE : <http://www.ficrelay.com.hk>

FRS8 RELAY



ORDERING INFORMATION

FRS8 N C - S 10 DC12V



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 : FRS8C-S10 DC 12V "Pb-Free" for Pb-Free Relay
For example : FRS8C-S10 DC 12V "RoHS" for RoHS Compliant Relay

DIMENSIONS(Unit:mm)

