# FRS15 RELAY

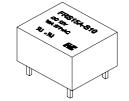


### **FEATURES**

Low profile subminiature relay Flat type 10.2mm high Switching capacity up to 10A 277VAC Class B insulation system Dust cover or sealed type

Recognized File No. : E139468

Recognized File No.: R2034463



## **SPECIFICATIONS**

### **COIL RATING**

RATED VOLTAGE	COIL RESISTANCE	RATED CURRENT	MUST OPERATE VOLTAGE	MUST DROPOUT VOLTAGE	MAXIMUM VOLTAGE	POWER CONSUMPTION
(V DC)	Ω +/- 10%	(mA)	% OF RATED VOLTAGE (AT +20°C)			(W)
3	20	150				
5	55	100				
6	80	75				0.45W
9	180	50	75 Max.	5 Min.	200 Max.	Approx.
12	320	37.5				• • • • • • • • • • • • • • • • • • • •
18	720	25				
24	1280	18.7				

### **CHARACTERISTICS**

Contact Arrangement	SPST (1 Form A)			
Contact Material	Silver Alloy			
Contact Resistance	100mΩ Max. (Measured at 1A 24VDC)			
Contact Dating (Depictive Load)	10A 277VAC/ 30V DC			
Contact Rating (Resistive Load)	12A 125VAC/ 30V DC			
	1/4HP 125VAC/ 250VAC TV-5			
	TUV approved rating : 10A 250VAC/24VDC			
Switching Voltage	DC110V Max. AC 380V Max.			
Operate Time (Initial)	8ms Max. (Typical)			
Release Time (Initial)	5ms Max. (Typical)			
Insulation Resistance	100MΩ Min. ( 500V DC)			
Dielectric Strength	1000VAC (50Hz/min.) between open contacts			
Dielectric Strength	2500VAC (50Hz/min.) between coil and contact			
Shock Resistance	10g Operating 100g Demage			
Vibration Resistance	1.5mm Double amplitude, 10-50Hz			
Ambient Temperature	Operation: -40°C to 80°C (At nominal coil voltage)			
/ unblong remperature	Storage : -40°C to 130°C			
Operation Life	Mechanical : 10 <sup>7</sup>			
Operation Life	Electrical : 10 <sup>5</sup> (At rated load)			
Weight	6g Approx.			

[Specifications are subject to change without notices.]

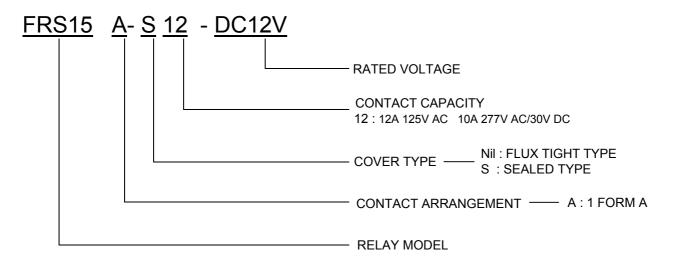
## FORWARD INDUSTRIAL COMPANY. (0/B COMMERCIAL UNION LTD)

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



### **FEATURES**



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: FRS15A-S12 DC 12V "Pb-Free" for Pb-Free Relay

For example: FRS15A-S12 DC 12V "RoHS" for RoHS Compliant Relay

## **DIMENSIONS (UNIT:mm)**

