

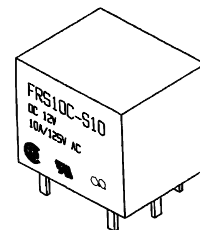


# FRS10 RELAY

## FEATURES

- Subminiature light weight relay
- Printing circuit terminal
- Low coil power consumption
- Switching capacity up to 12A with AGSNO2 contacts
- Dust cover or sealed type

  Recognized File No.: E141516(N)



## SPECIFICATIONS

### COIL RATING

RATED VOLTAGE (V DC)	COIL RESISTANCE $\Omega$ +/-10 %	RATED CURRENT (mA)	MUST OPERATE VOLTAGE	MUST DROPOUT VOLTAGE	MAXIMUM VOLTAGE	POWER CONSUMPTION (W)
			% OF RATED VOLTAGE (At +20 °C)			
3	25	120	75 Max.	10 Min.	130 Max.	0.36 Approx.
5	70	70				
6	100	60				
9	220	40				
12	400	30				
24	1600	15				
48	6400	7.5				

### CHARACTERISTICS

Contact Arrangement	SPST ( 1 Form A), SPDT (1 Form C)
Contact Material	Silver Alloy
Contact Resistance	100m $\Omega$ Max.
Contact Rating (Resistive Load)	<ul style="list-style-type: none"> <li>● 05 : 5A 28VDC/125VAC</li> <li>● 10 : 10A 28VDC/125VAC</li> <li>● 12 : 12A 28VDC/125VAC or 10A/250VAC or 6A/277VAC</li> </ul>
Switching Voltage	DC 110V Max. AC 380V Max.
Operate Time (Initial)	< 10ms
Release Time (Initial)	< 5ms
Insulation Resistance	250M $\Omega$ Min. ( 500V DC)
Dielectric Strength	750V AC(50Hz/min.) Between open contacts 1500V AC(50Hz/min.) Between coil and contact
Shock Resistance	10g Approx.
Vibration Resistance	10-50Hz, Double amplitude 1.5mm
Ambient Temperature	-40°C to +85°C
Humidity	20 - 85% RH
Operation Life	Mechanical : $10^7$ Electrical : $10^5$ (At rated load)
Weight	10g Approx.

[Specifications are subject to change without notices.]

