

FRS10 RELAY

FEATURES

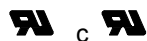
Subminiature light weight relay

Printing circuit terminal

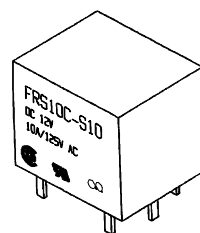
Low coil power consumption

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 Ω +/-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				

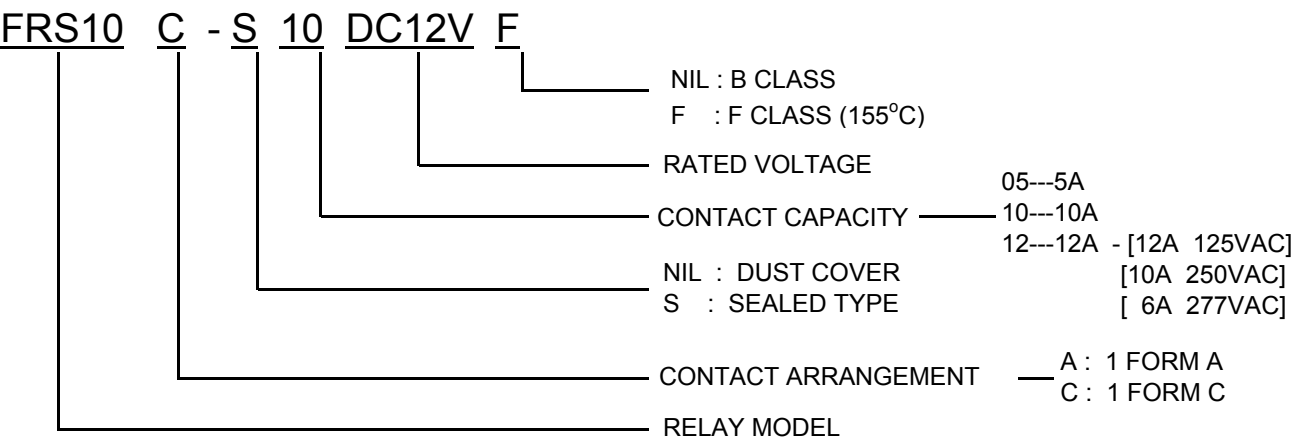
CHARACTERISTICS

Contact Arrangement	SPST (1 Form A), SPDT (1 Form C)
Contact Material	Silver Alloy
Contact Resistance	100m Ω Max.
Contact Rating (Resistive Load)	● 05 : 5A 28VDC/125VAC ● 10 : 10A 28VDC/125VAC ● 12 : 12A 28VDC/125VAC or 10A/250VAC or 6A/277VAC
Switching Voltage	DC 110V Max. AC 380V Max.
Operate Time (Initial)	< 10ms
Release Time (Initial)	< 5ms
Insulation Resistance	250M Ω 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 amplitude1.5mm
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.]

FRS10 RELAY

ORDERING INFORMATION



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 : FRS10C-S12 DC 12V "Pb-Free" for Pb-Free Relay
For example : FRS10C-S12 DC 12V "RoHS" for RoHS Compliant Relay

DIMENSIONS (UNIT:mm)

