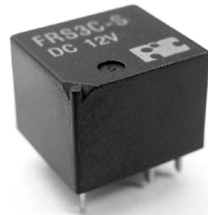


FRS3



- Small size, light weight
- AGCDO contact material available for handling 3A 24VDC
- Low coil power consumption

Technical data

Characteristics

- Contact Arrangement: SPST (1 Form A), SPDT (1 Form C)
- Contact Material: Silver Alloy
- Contact Resistance: 100mΩ Max.
- Contact Rating (Resistive Load): 3A DC28V/1A AC 125V
- Operate Time (Initial): 10 ms Max.
- Release Time (Initial): 5 ms Max.
- Insulation Resistance: 100MΩ Min. (500V DC)
- Dielectric Strength:
 - 500V AC (50 Hz/min.) between open contacts
 - 1000V AC (50 Hz/min.) between coil and contact
- Shock Resistance: 10g Approx.
- Vibration Resistance: 1.5mm Double Amplitude, 10-50Hz
- Ambient Temperature: -30 °C to +70 °C
- Humidity: 20 - 85% RH
- Operation Life:
 - Mechanical: 10⁷
 - Electrical: 10⁵ (At rated load)
- Weight: 8g Approx.

Coil rating

Rated Voltage (VDC)	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.	110 Max.	0.36 Approx.
6	100	60				
9	220	40				
12	400	30				
24	1600	15				

Ordering Information

FRS3 DC 12V

Rated voltage
Relay model

DIMENSIONS (mm)

