

FRA10T



20 AMP DC Motor Reversing Relay

- H-bridge motor reversing arrangement
- Small size and light weight
- Operation to 105 °C ambient
- Low cost and high performance
- Switching rating up to 20Amp
- Dust cover or sealed type

Technical data

Characteristics

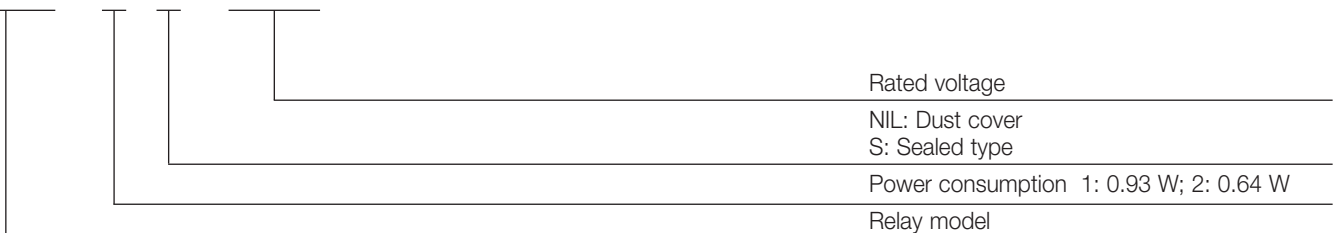
- Contact Arrangement: 2 x 1 Form C (H-Bridge)
- Contact Material: AGSNO2 (Please consult factory for other contact materials)
- Contact Resistance: 50mΩ Max.
- Contact Rating (Resistive Load): 20A, 16VDC
- Switching Voltage: 24 VDC
- Operate Time (Initial): 10 ms Max.
- Release Time (Initial): 5 ms Max.
- Insulation Resistance: 100MΩ Min. (500V DC)
- Dielectric Strength:
 - 500V AC (50 Hz/min.) between open contacts
 - 500V AC (50 Hz/min.) between coil and contacts
- Shock Resistance: 20g Approx.
- Vibration Resistance: 1.27 mm, Double Amplitude 10-40 Hz
- Ambient Temperature: -40 °C to +105 °C
- Operation Life:
 - Mechanical: 10⁷
 - Electrical: 10⁶
- Weight: 24g Approx.

Coil rating

Rated Voltage (VDC)	Coil Resistance Ω +/- 10%		Must operate voltage	Must dropout voltage	Maximum voltage	Power consumption (W)
	FRA 10T-1	FRA 10T-2				
12	150	225	FRA10T-1: 50	FRA10T-1: 7.5	120 Max.	FRA10T-1: 0.93
24	619	900	FRA10T-2: 56	FRA10T-2: 10		FRA10T-2: 0.64

Ordering information

FRA10T - 1 S - DC 12V



DIMENSIONS (mm)

