



Feature

- 25A motor rating,
- Microminiature
- Transformational contact
- Single and dual relays available,
- H (180°C) insulation Class
- 250 °C reflow soldering

Contact Capacity

Model	SARI
Nominal switching capacity (res. load)	25A 14VDC (at 23°C)
Max. switching current	30A
Max. switching voltage	16VDC

Characteristic Data

Contact material	Silver alloy	
Dropping Voltage of Contacts	250mv/at 10A (max)	
Operate time (at nominal volt.)	10msec. Max.	
Release time (at nominal volt.)	10msec. Max.	
Initial insulation resistance	500MΩ Min.(DC500V)	
Initial dielectric strength	Between open contacts : AC500V , 50/60Hz 1Min.	
	Between coil and contact :AC500V , 50/60Hz 1Min.	
Vibration resistance	Functional	10 ~ 100Hz , 44.1m/s ²
	Destructive	10 ~ 500Hz , 44.1m/s ² 2h
Shock resistance	Functional	100m/s ² (pulse duration: 11ms)
	Destructive	1000m/s ² (pulse duration: 6ms)
Endurance (operations)	Mechanical (at 10,800 ops./h)	1×10 ⁷
	Electrical (at 600 ops./h)	1×10 ⁵
Ambient temperature	-40°C ~ +110°C (no condensation)	
Unit weight	Single type : Approx 3.5 g ; Dual type : Approx 6.5g	

Coil Data(at 20°C)

Nominal voltage (VDC)	Nominal operating current ±10% (mA)	Coil resistance ±10% (Ω)	Max. Allowable voltage (VDC)	Pick-up voltage (Max.) (VDC)	Drop-out voltage (Min.) (VDC)	Nominal operating power (W)
12	75	160	16	≤6.5V	≥0.8	0.9
12	54.3	221	16	≤7.7V	≥0.8	0.65

SARI

Contact Data

Contact Voltage	Rating type		contact rating current(A)		Duty factor		Endurance (cycles)	Material	Test ambient temperature
			1C, 1A		On (S)	Off (S)			
			NO	NC					
14VDC	Resistive Load	On	25	10	1	9	1x10 ⁵	AgSnO ₂	23°C
		Off	25	10					
	Motor Load	On	25	—	0.5	0.95	1x10 ⁵		
		Off	25	—					