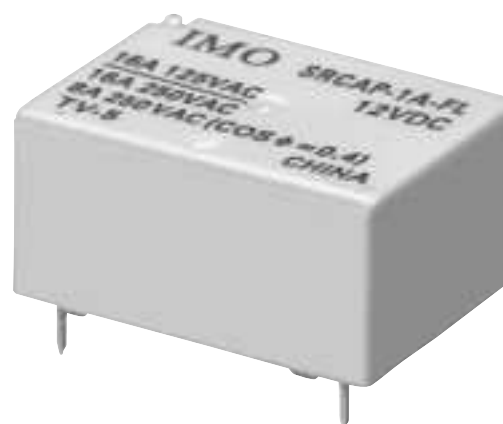


Subminiature Power Relay SRCA



- UL/CUR &TüV approved
- Low height, flat construction
- High rating:16A
- High Sensitive 200mW
- Sealed IP67 & Flux tight types available
(With vent-hole cover)



Options and ordering codes

SRCA	P	-	1A	-	F	-	L	-	12VDC
Contact Capacity									Coil Voltage
Standard	nil								
High power	P								
Contact Form									
SPNO			1A				L		RoHS Compliant
Sealing									
Flux Tight					F				
Sealed					S				

Contact Data

Contact Arrangement	1A	
Initial Contact Resistance	100mΩ (at 1A 6VDC)	
Contact Material	AgSnO ₂	
Contact Rating (Res.Load)	Standard Type	10A 125/250VAC 10A 30VDC TV-5
	High capacity Type (P)	16A 125/250VAC 10A 30VDC 8A 250VAC (COSφ=0.4) TV-5
Max. switching voltage	250VAC/30VDC	
Max. switching current	16A	
Max. switching power	4000VAC 300W	
Mechanical life	1x10 ⁷ OPS	
Electrical life	1x10 ⁵ OPS	

Coil Data

Nominal Voltage VDC	Pick-up Voltage VDC	Drop-out Voltage VDC	Max.allowable Voltage (at 20 °C)	Coil Resistance Ω(at 20 °C)
5	4.0	0.5	7.5	125±10%
6	4.8	0.6	9	180±10%
9	7.2	0.9	13.5	405±10%
12	9.6	1.2	18	720±10%
18	14.4	1.8	27	1620±10%
24	19.2	2.4	36	2880±10%
48	38.4	4.8	72	11520±10%

Characteristics

Initial Insulation Resistance	1000MΩ @ 500VDC	
Dielectric Strength	Between coil & contact	2500VAC 1min.
	Between open contacts	1000VAC 1min.
Operate time (at nomi. Volt)	Max. 10ms	
Release time (at nomi. Volt)	Max. 5ms	
Temperature rise(at nomi. Volt)	Max. 55 °C	
Shock resistance	Functional	98m/s ²
	Destructive	980m/s ²
Vibration resistance	DA:1.5mm 10 to 55Hz	
Humidity	35% to 85% RH	
Ambient temperature	-40 °C to +85 °C	
Termination	PCB	
Unit Weight	Approx. 8g	
Construction	Sealed IP67 & Flux tight	

Note: Sealed Type- Remove vent hole after processing.

Coil

Coil power	200mW
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Subminiature Power Relay SRCA

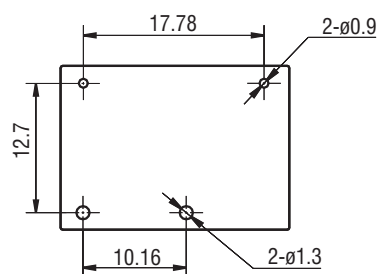
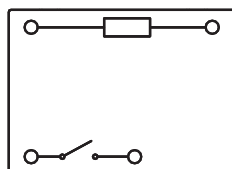
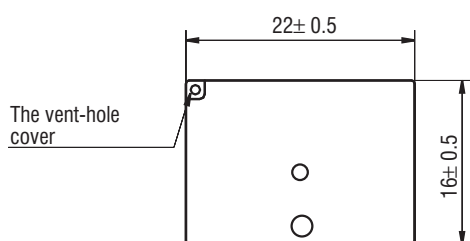
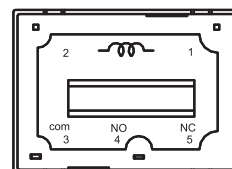
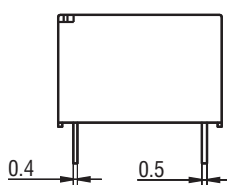
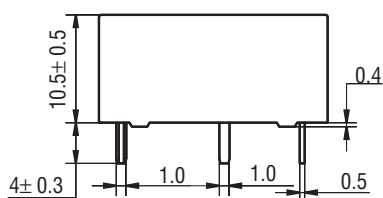


Safety Approval Ratings

UL/CUR	TV-5 16A 250VAC 10A 250VAC 10A 30VDC
TÜV	16A 250VAC 10A 30VDC 8A 250VAC, COSØ=0.4

Outline dimensions (mm)

Wiring diagram and PC Board layout



Characteristic Curve

