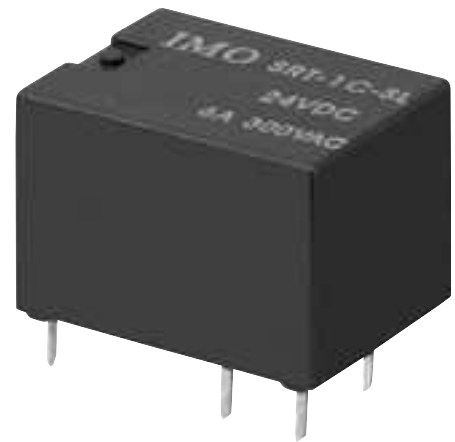


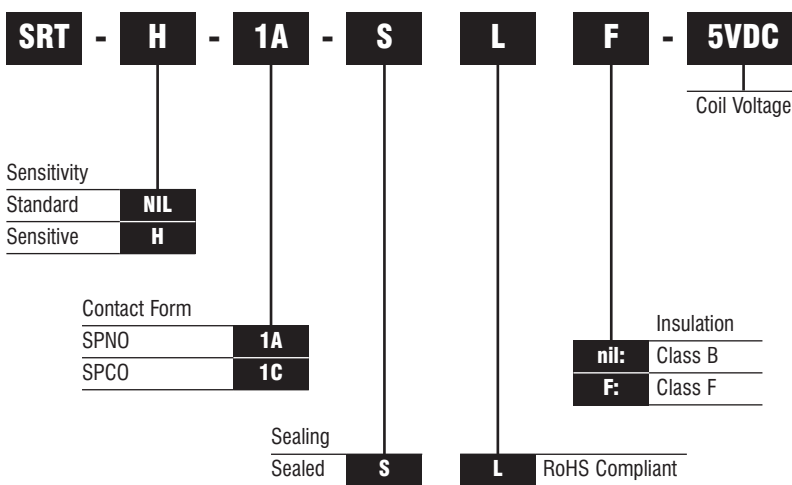
Subminiature Intermediate Power Relay SRT



- 6A switching capabilities
- SPCO, SPNO configurations
- Subminiature, High sensitive, PCB layout
- Sealed type for automatic wave soldering



Options and ordering codes



Contact Data

Contact Arrangement	1A, 1C
Initial Contact Resistance Max.	100mΩ (at 1A 24VDC)
Contact Material	AgNi
Contact Rating (Res. Load)	6A 300VAC/28VDC
Max. switching voltage	300VAC/28VDC
Max. switching current	6A
Max. switching power	720A/144W
Mechanical life	1 x 10 ⁷ OPS
Electrical life	1 x 10 ⁵ OPS

Coil

Coil power	0.45W, Sensitive: 0.33W
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Characteristics

Initial Insulation Resistance	100MΩ @ 500VDC	
Dielectric Strength	Between coil and contacts	2000VAC 1min.
	Between open contacts	750VAC 1min.
Operate time (at nomi. Volt.)	6ms	
Release time (at nomi. Volt.)	3ms	
Humidity	98%RH, +40 °C	
Ambient temperature	Class B: -55 °C to +90 °C	
	Class F: -55 °C to +115 °C	
Shock resistance	Functional	98m/s ²
	Destructive	980m/s ²
Vibration resistance	1.5mm, 10 to 55Hz	
Termination	PCB	
Unit weight	Approx. 8g	
Construction	Sealed IP67	

Subminiature Intermediate Power Relay SRT



Coil Data: Standard

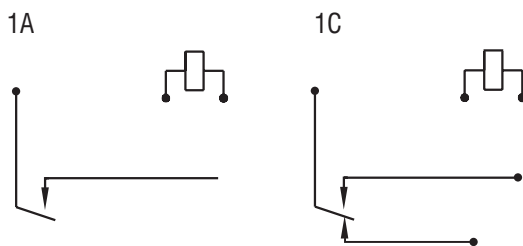
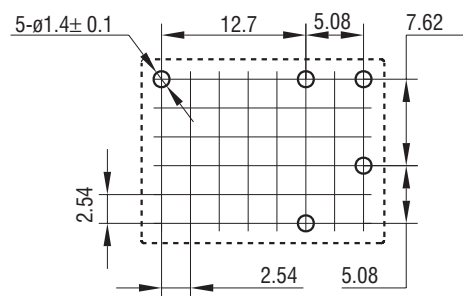
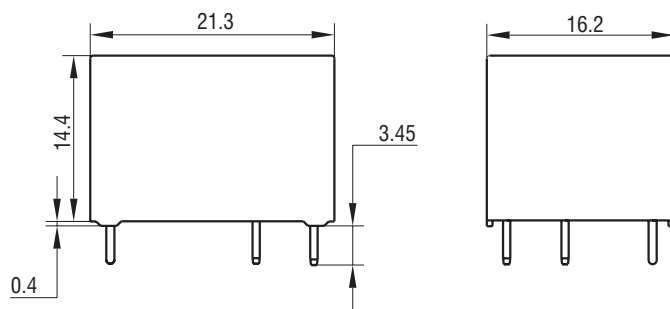
Nominal Voltage VDC	Pick-up Voltage VDC	Drop-out Voltage VDC	Max. allowable Voltage VDC (at 20 °C)	Coil Resistance Ω
3	2.25	0.15	3.90	20 \pm 10%
5	3.75	0.25	6.50	56 \pm 10%
6	4.50	0.30	7.80	80 \pm 10%
9	6.75	0.45	11.7	180 \pm 10%
12	9.00	0.60	15.6	320 \pm 10%
18	13.5	0.90	23.4	720 \pm 10%
24	18.0	1.20	31.2	1280 \pm 10%
48	36.0	2.40	62.4	3800 \pm 10%

Coil Data: Sensitive

Nominal Voltage VDC	Pick-up Voltage VDC	Drop-out Voltage VDC	Max. allowable Voltage VDC (at 20 °C)	Coil Resistance Ω
5	3.25	0.25	6.50	80 \pm 10%
6	3.90	0.30	7.80	110 \pm 10%
9	5.85	0.45	11.7	250 \pm 10%
12	7.80	0.60	15.6	440 \pm 10%
18	11.7	0.90	23.4	1000 \pm 10%
24	15.6	1.20	31.2	1780 \pm 10%
48	31.2	2.40	62.4	7120 \pm 10%

Outline Dimensions (mm)

Wiring diagram and PC Board layout



Characteristic Curve

