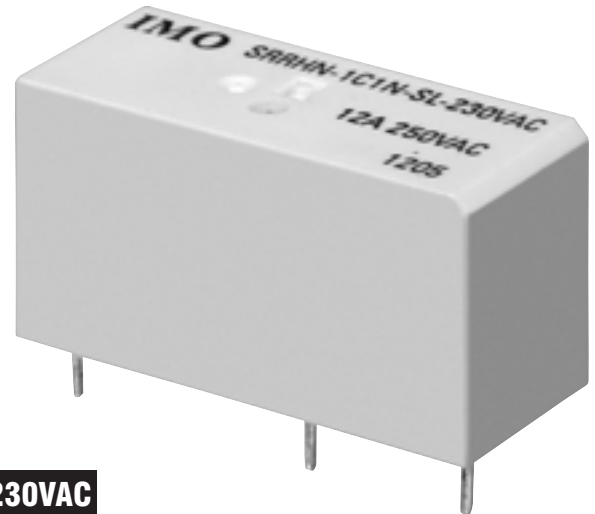


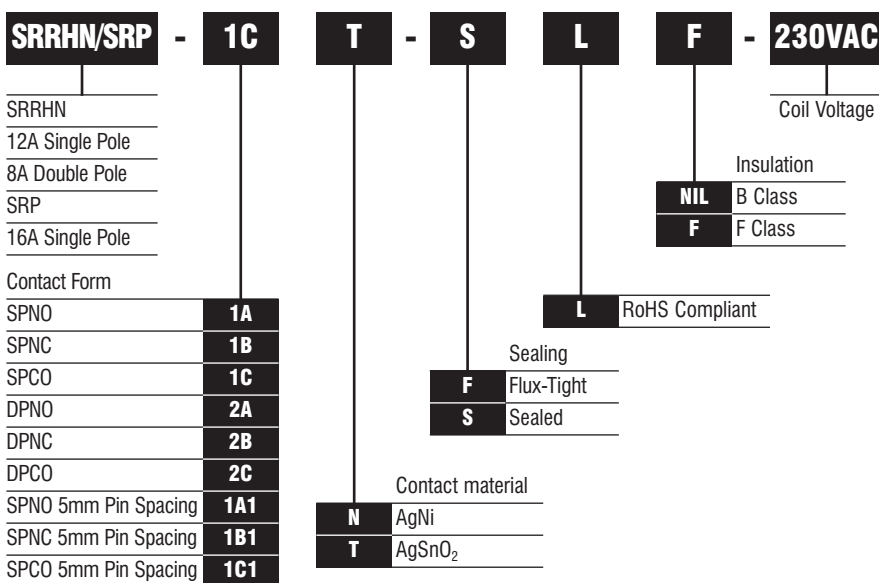
Miniature High Power Relay SRRHN/SRP-AC



- 16A switching capability
- 1 & 2 pole configurations
- 5KV dielectric strength (between coil & contacts)
- Low height: 15.7 mm
- Creepage distance: 10 mm
- Sealed IP67 & flux proof types available
- VDE: 0435/0110 VDE: 0631/0700



Options and ordering codes



Contact Data

Contact Arrangement	1A, 1B, 1C	2A, 2B, 2C
Initial contact resistance max.	100mΩ (at 1A 6VDC)	
Contact Material	See ordering info	
Contact Rating (Res. Load)	12A/16A, 250VAC	8A 250VAC
Max. switching voltage	440VAC	
Max. switching current	12A/16A	8A
Max. switching power	3000VA/4000VA	2000VA
Mechanical Life	5x10 ⁶ OPS	
Electrical Life	5x10 ⁴ OPS	

Coil Data

Nominal Voltage VAC	Pick-up Voltage VAC	Drop-out Voltage VAC	Coil current (at 20°C) mA	Coil Resistance Ω (at 20°C)
24	18	3.60	31.6	350±10%
115	86.30	17.30	6.6	8100±15%
230	172.50	34.50	3.2	32500±15%

Characteristics

Initial Insulation Resistance	1000MΩ @ 500VDC	
Dielectric Strength	Between coil & contacts	5,000VAC 1min.
	Between open contacts	1,000VAC 1min.
	Between contact sets	2,500VAC 1min.
Temperature rise (at nomi. Volt)	65°C	
Shock resistance	Functional	100m/s ²
	Destructive	1000m/s ²
Vibration resistance	10 to 150Hz 10g/5g	
Humidity	35% to 85%	
Ambient temperature	-40°C to +70°C	
Termination	PCB	
Unit Weight	13.5g	
Construction	Sealed IP67 and Flux proof	

Coil

Coil power	0.75VA
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Miniature High Power Relay SRRHN/SRP-AC



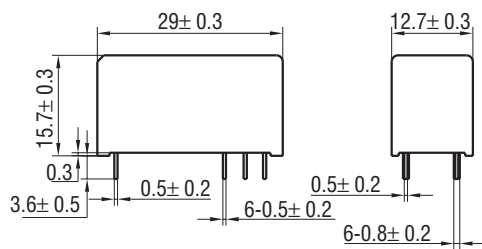
Safety Approval Ratings

UL/CUR	12A 250VAC
	16A 250VAC
	8A 250VAC
VDE (pending)	12A 250VAC
	16A 250VAC
	8A 250VAC

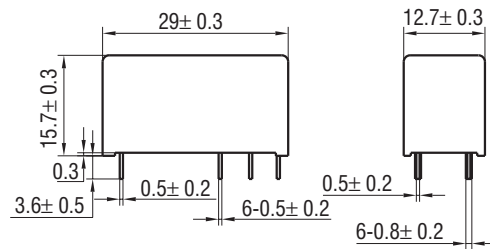
Outline dimensions (mm)

Wiring diagram and PC Board layout

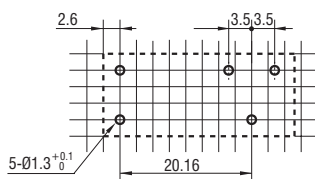
3.5mm Pinning



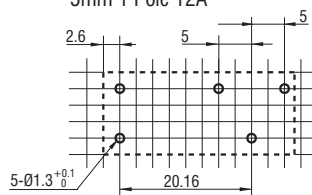
5mm Pinning



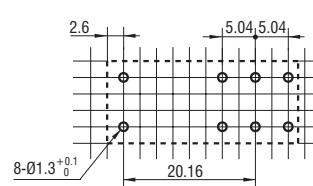
3.5mm 1 Pole 12A



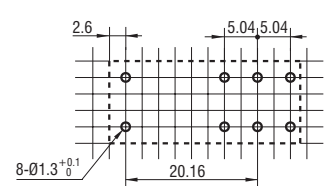
5mm 1 Pole 12A



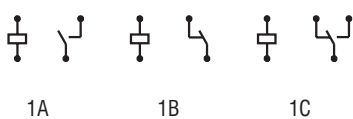
5mm 1 Pole 16A



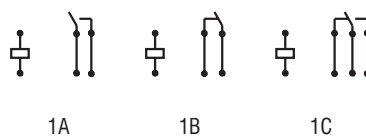
5mm 2 Pole 8A



3.5/5mm 1 Pole 12A



5mm 1 Pole 16A



5mm 2 Pole 8A

