



Coil Ratings

Specification	Coil Voltage (VDC)		Coil Resistance (Ohms)	Pickup Voltage (VDC)	Release Voltage (VDC)	Operate Time	Release Time
	Rated Volt.	Max Volt.					
12V 2.4W	12	15.6	60	7.8	1.2	<=10ms	<=5ms
24V 2.4W	24	31.2	240	15.6	2.4	<=10ms	<=5ms

Operation Condition

Insulation		100M Ohm min (at 500VDC)	Item 7 of IEC 60255-5
Dielectric Strength	Between Contacts	50Hz 500V	Item 6 of IEC 60255-5
	Between Coil and Contacts	50Hz 500V	Item 6 of IEC 60255-5
Shock Resistance		147m/s ²	IEC 68-2-27 Test Ea
Vibration Resist.		10-40Hz double amplitude 1.5mm	IEC68-2-6 Test Fc
Terminals Strength		20N	IEC 68-2-21 Test Ua1
Solderability		235°C±2°C 3±0.5s	IEC 68-2-20 Test Ta M1
Ambient Temp.		-40C to 85C	
Relative Humidity		85% (at 40C)	IEC68-2-3 Test Ca
Mass		104 Grams	
Standby Current		2mA	

Contact Rating

Contact Form	1H(SPSTNO)
Contact Material	AgSnO ²
Contact Rating (Resistive)	200A / 14VDC
	60A / 28VDC
Max Switching Voltage	40VDC
Max Switching Current	200A
Max Switching Power	2400VAC
Contact Resistance	<=30mOhm Item 4.12 of IEC 61810-7
Electrical Endurance	1*10 ⁵ Item 4.30 of IEC 61810-7
Mechanical Endurance	1*10 ⁷ Item 4.31 of IEC 61810-7

Important: All illustrations and specifications contained herein are based on the latest information available at the time of publication approval. ROADMASTER, INC. reserves the right to make changes at any time without notice in material, specification and models or to discontinue models.



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