

FEATURES

- ◆ CSA/CUR/TUV Approved.
- ◆ High insulation system approval.
- ◆ High electrical noise immunity.
- ◆ High switching capacity in a compact package.
- ◆ High sensitivity: 200 mW & 400mW
- ◆ High surge voltage: 3,000 V between contacts and coil



ORDERING INFORMATION

892 **H** **N** - **1AC** - **B** - **C** **XXX**
1 **2** **3** **4** **5** **6** **7**

<p>1 Type</p> <p>2 H -High capacity Blank -Standard rating</p> <p>3 Blank-Standard type N-High sensitivity type</p>	<p>4 Contact form</p> <p>1AC-SPNO Contact material AgNi10</p> <p>1BC-SPNC Contact material AgNi10</p> <p>1CC-SPDT Contact material AgNi10</p> <p>1AH-SPNO Contact material AgSnO</p> <p>1BH-SPNO Contact material AgSnO</p> <p>1CH-SPNO Contact material AgSnO</p>	<p>5 Insulation system</p> <p>Blank-Standard type</p> <p>B-Class B F-Class F</p> <p>6 Cover type</p> <p>C-Flux tight S-Sealed</p> <p>7 Special mark</p>
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TYPE LIST (Standard type)

P (PCB terminal)	Contact form	High capacity	Designation	
			Flux tight	Plastic sealed
Coil power consumption Standard type	SPNO (1A)	H	892H-1AH-C	892H-1AH-S
	SPDT (1C)	H	892H-1CH-C	892H-1CH-S
	SPNO (1A)	-----	892-1AC-C	892-1AC-S
	SPDT (1C)	-----	892-1CC-C	892-1CC-S
Coil power consumption High sensitivity type	SPNO (1A)	-----	892N-1AC-C	892N-1AC-S
	SPNO (1A)	H	892HN-1AH-C	892HN-1AH-S
	SPDT (1C)	-----	892N-1CC-C	892N-1CC-S
	SPDT (1C)	H	892HN-1CH-C	892HN-1CH-S

CONTACT RATING

Load Type	892	892H
Resistive Load	NC / NO : 3A/5A 240VAC NC / NO : 3A/7A 120VAC	NC / NO : 5A/7A 240VAC NC / NO : 5A/10A 120VAC(50000ops)
Max.switching current	NC / NO : 3A/7A	NC / NO : 5A/10A
Max.switching voltage	277VAC	277VAC
Max.switching capacity	NC / NO : 720VA/1200VA	NC / NO : 1200VA/1680VA

COIL DATA (Standard type)

Rated voltage (V)	Rated current $\pm 10\%$ at 25°C (mA)	Coil resistance $\pm 10\%$ at 25°C (Ω)	Max. continuous voltage at 25°C	Pickup voltage (Max) at 25°C	Dropout voltage (Min) at 25°C	Power consumption at rated voltage
3	133.3	22.5	130% Of Rated Voltage	75% Of Rated Voltage	5% Of Rated Voltage	Approx. 0.4W
5	80.0	62.5				
6	66.7	90.0				
9	44.4	202.5				
12	33.3	360				
18	22.2	810				
24	16.7	1440				
36	11.1	3240				
48	8.3	5760				
60	6.7	9000				

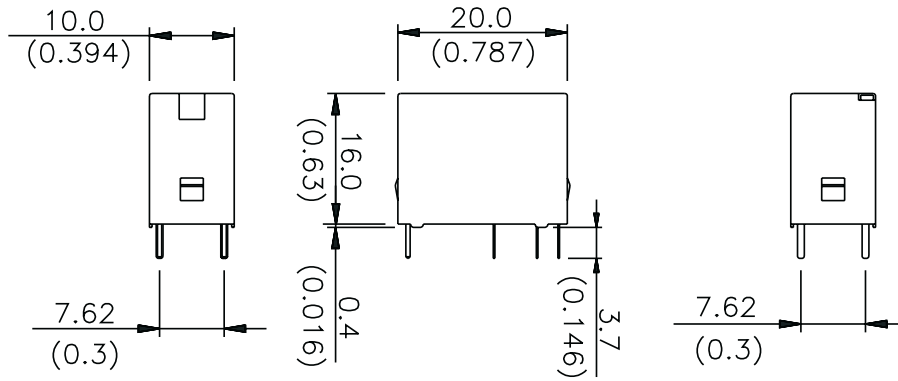
COIL DATA (High sensitivity type) Only for 892N

Rated voltage (V)	Rated current $\pm 10\%$ at 25°C (mA)	Coil resistance $\pm 10\%$ at 25°C (Ω)	Max. continuous voltage at 25°C	Pickup voltage (Max) at 25°C	Dropout voltage (Min) at 25°C	Power consumption at rated voltage
3	66.7	45	130% Of Rated Voltage	75% Of Rated Voltage	5% Of Rated Voltage	Approx. 0.2W
5	40.0	125				
6	33.3	180				
9	22.2	405				
12	16.7	720				
18	11.1	1620				
24	8.3	2880				
36	5.6	6480				
				80% Of Rated Voltage 1C only		

SPECIFICATION

Contact resistance	100 m Ω Min. (initial value)	
Operate time	10ms Max.	
Release time	5ms Max.	
Insulation resistance	1000 M Ω Min. (DC 500V)	
Dielectric strength (initial value)	Between open contact	: AC1000V,50/60Hz 1 min.
	Between contact and coil	: AC4000V,50/60Hz 1 min.
Vibration resistance	Operating extremes	10 ~ 55Hz, amplitude 1.5 mm
	Damage limits	10 ~ 55Hz, amplitude 1.5 mm
Shock resistance	Operating extremes	30G
	Damage limits	100G
Life expectancy	Mechanical	10,000,000 operations (frequency 1800 operations/hr)
		100,000 operations (frequency 900 operations/hr)
	Electrical	
Operating temperature	-40 ~ +85°C (no freezing)	
Weight	Approx. 8g	

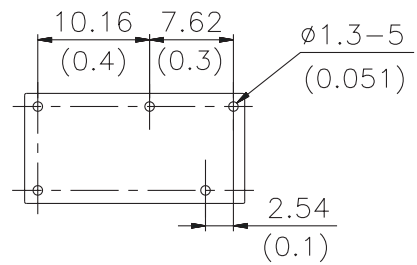
OUTLINE DIMENSIONS



WIRING DIAGRAM



PCB LAYOUT



SAFETY APPROVAL

Certified	CSA C/US		TUV
File No.	1245129		Pending

SAFETY APPROVAL RATING

CSA C/US		TUV	
892	892H	892	892H
7A/3A 125VAC	10A/5A 125VAC	7A/3A 120VAC	10A/5A 120VAC
5A/3A 277VAC	7A/5A 277VAC	5A/3A 240VAC	7A/5A 240VAC
	TV-3		