



## Schneider Electric Relays

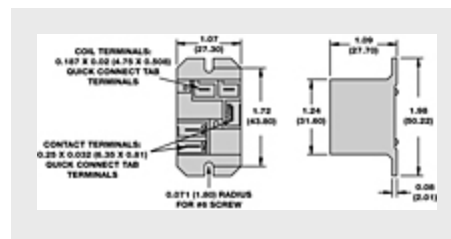
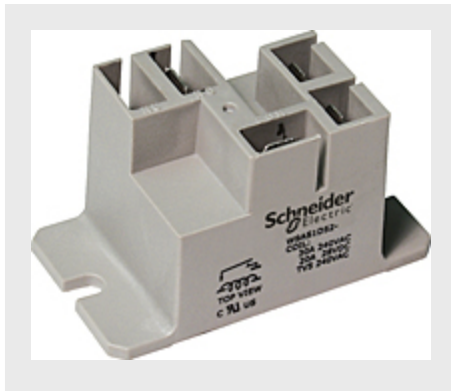
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ITEM # W9AS5D52-12, 9A MINIATURE POWER RELAYS / SPDT, 30 AMP RATING (DC)



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### Specifications

**Check Inventory** [Check Distributor Inventory](#)

**Status** Standard

**Cover Style** Flange Cover

**Figure** B

#### California Proposition 65 Warning



**WARNING:** This product can expose you to chemicals including:  
**Substance 1:** Nickel compounds, which is known to the State of California to cause cancer.

**Substance 2:** DIDP, which is known to the State of California to cause birth defects or other reproductive harm.

For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov)

### Contact Characteristics

**Contact Rating** Normally Closed Contact: 15 A  
 Normally Open Contact: 30 A

**Contact Configuration** SPDT

**Contact Materials** Silver Alloy

<b>Maximum Switching Voltage (V)</b>	300 V
<b>Switching Current at Voltage (AC, Resistive)</b>	Normally Closed Contact: 10 A at 240 VAC 50/60 Hz Normally Open Contact: 20 A at 240 VAC 50/60 Hz
<b>Switching Current at Voltage (DC, Resistive)</b>	Normally Closed Contact: 10 A at 28 VDC Normally Open Contact: 30 A at 28 VDC
<b>Switching Current at Voltage (Pilot Duty)</b>	Normally Closed Contact: 275 VA Normally Open Contact: 470 VA
<b>Minimum Switching Requirement</b>	1 A at 5 VDC, 12 VAC

## Coil Characteristics

<b>Nominal Input Voltage</b>	12 VDC
<b>Coil Resistance (Ohms)</b>	144 Ohm
<b>Operating Range - % of Nominal (AC)</b>	80 to 110 %
<b>Operating Range - % of Nominal (DC)</b>	75 to 110 %
<b>Average Consumption (AC / VA)</b>	2.80 VA
<b>Average Consumption (DC / W)</b>	1 W
<b>Drop-out Voltage Threshold (DC)</b>	10 %
<b>Drop-out Voltage Threshold (AC)</b>	10 %

## Performance Characteristics

<b>Electrical Life (UL508), Operations at Rated Current (Resistive)</b>	100000
<b>Mechanical Life, Unpowered</b>	10000000
<b>Operating Time (Response Time)</b>	15 ms
<b>Dielectric Strength - Between Coil and Contact</b>	2500 VAC (rms)
<b>Dielectric Strength - Between Poles</b>	1500 VAC (rms)

## Environment

<b>Ambient Air Temperature around the Device - Storage</b>	-40 to +85 °C
<b>Ambient Air Temperature around the Device - Operation</b>	-40 to +55 °C

**Shock Resistance**

10 g-n

**Product Certifications**

-

**Agency Approvals**

UL  
RoHs

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