



## Schneider Electric Relays

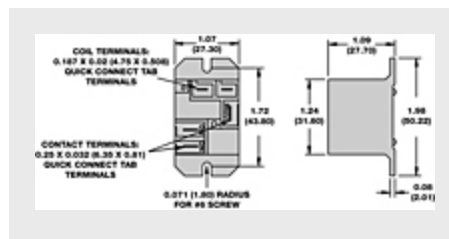
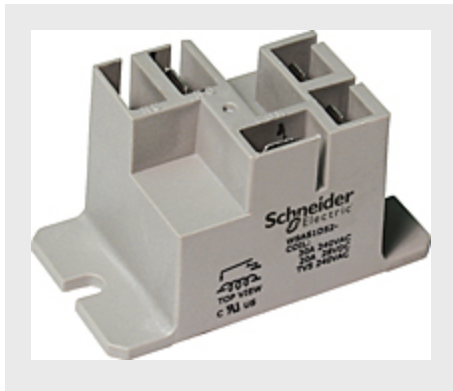
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ITEM # W9AS5A52-240, 9A MINIATURE POWER RELAYS / SPDT, 30 AMP RATING (AC)



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### Specifications

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

**Status** Standard

**Cover Style** Flange Cover

**Figure** D

#### 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<br>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<br>Normally Open Contact: 30 A at 28 VDC                     |
| <b>Switching Current at Voltage (Pilot Duty)</b>    | Normally Closed Contact: 275 VA<br>Normally Open Contact: 470 VA                                     |
| <b>Minimum Switching Requirement</b>                | 1 A at 5 VDC, 12 VAC   |

## Coil Characteristics

|  |                  |
|--|------------------|
| <b>Nominal Input Voltage</b>               | 240 VAC 50/60 Hz |
| <b>Coil Resistance (Ohms)</b>              | 12100 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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