



Schneider Electric Relays

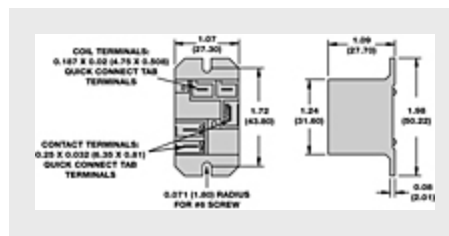
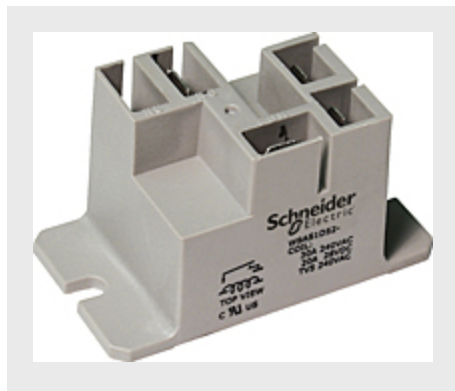
200 N. Martingale Rd., Suite 1000

Schaumburg, IL 60173

Phone: 847-441-2540 • Fax: 847-881-0741

E-Mail: relays@schneider-electric.com • Web site: www.sere relays.com

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



[SPECIFICATIONS](#) | [CONTACT CHARACTERISTICS](#) | [COIL CHARACTERISTICS](#) | [PERFORMANCE CHARACTERISTICS](#) | [ENVIRONMENT](#) | [PRODUCT CERTIFICATIONS](#)

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

Contact Characteristics

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

Contact Configuration SPDT

Contact Materials Silver Alloy

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

Coil Characteristics

Nominal Input Voltage	240 VAC 50/60 Hz
Coil Resistance (Ohms)	12100 Ohm
Operating Range - % of Nominal (AC)	80 to 110 %
Operating Range - % of Nominal (DC)	75 to 110 %
Average Consumption (AC / VA)	2.80 VA
Average Consumption (DC / W)	1 W
Drop-out Voltage Threshold (DC)	10 %
Drop-out Voltage Threshold (AC)	10 %

Performance Characteristics

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

Environment

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

Shock Resistance

10 g-n

Product Certifications

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Agency Approvals

UL
RoHs

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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[9AS5A52-240](#) [9AS7A240](#)