



Schneider Electric Relays

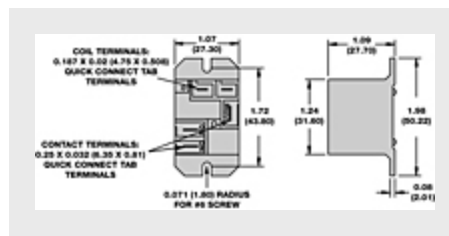
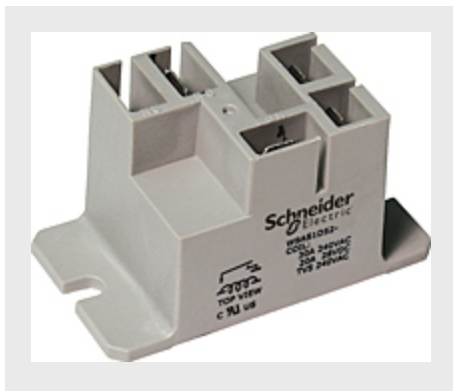
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ITEM # W9AS1A52-120, 9A MINIATURE POWER RELAYS / SPST-NO, 30 AMP RATING (AC)



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

Specifications

Check Inventory [Check Distributor Inventory](#)

Status Standard

Cover Style Flange Cover

Figure C

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 30 A

Contact Configuration SPST-NO

Contact Materials Silver Alloy

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

Coil Characteristics

Nominal Input Voltage	120 VAC 50/60 Hz
Coil Resistance (Ohms)	3000 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



Agency Approvals

UL
RoHS

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

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