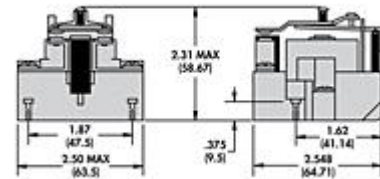


## Magnecraft

### Item # W199ADBX-4, 199 Open Style Power Relay / SPST-NO-DM 40Amp Rating (AC)



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### SPECIFICATIONS

Control	AC
Nominal Input Voltage	120 VAC 50/60 Hz
Rated Relays	40 A
Coil Resistance	290 Ohm
Options	Magnetic Blowout

### CONTACT CHARACTERISTICS

Contact Rating	40 A
Contact Configuration	SPST-NO-DM
Contact Materials	Silver Alloy
Maximum Switching Voltage	600 V
Switching Current at Voltage (AC, Resistive)	40 A at 277 V 50 / 60 Hz
Switching Current at Voltage (DC, Resistive)	2 A at 500 V Max without Blowout Magnet

	40 A at 28 VDC
Switching Current at Voltage (Pilot Duty)	A600
Minimum Switching Requirement	1 A at 12 VAC

## COIL CHARACTERISTICS

Coil Voltage	120 VAC 50/60 Hz
Operating Range - % of Nominal (AC)	85 to 110 %
Operating Range - % of Nominal (DC)	80 to 110 %
Average Consumption (AC)	10 VA
Average Consumption (DC)	4 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	1000000
Operating Time (Response Time)	30 ms

## ENVIRONMENT

Product Certifications, Standard Version	CE CSA UL
Ambient Air Temperature around the Device - Storage	-40 to +85 °C
Ambient Air Temperature around the Device - Operation	-40 to +55 °C
Connection	8 AWG 10 mm <sup>2</sup>
Terminal Tightening Torque	7 to 9 in lb 0.8 to 1.0 N·m