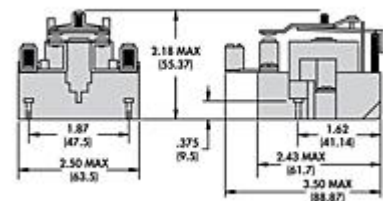


Magnecraft

Item # W199DEX-3, 199 Open Style Power Relay / SPST-NO-DM 50 Amp Rating (DC)



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SPECIFICATIONS

Control	DC
Nominal Input Voltage	24 VDC
Rated Relays	50 A
Coil Resistance	290 Ohm
Options	Pressure Wire Connectors

CONTACT CHARACTERISTICS

Contact Rating	50 A
Contact Configuration	SPST-NO-DM
Contact Materials	Silver Alloy
Maximum Switching Voltage	600 V
Switching Current at Voltage (AC, Resistive)	50 A at 277 V 50 / 60 Hz
Switching Current at Voltage (DC, Resistive)	50 A at 28 VDC

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

COIL CHARACTERISTICS

Coil Voltage	24 VDC
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 ²
Terminal Tightening Torque	7 to 9 in lb 0.8 to 1.0 N·m