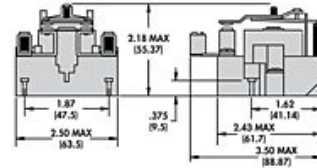


Item # W199DEX-3, 199 Open Style Power Relays / SPST-NO-DM, 50 Amp Rating (DC)



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Specifications

| | |
|-----------------|---|
| Check Inventory | Check Distributor Inventory |
| Status | NCNR |
| Cover Style | Open Style |
| Options | Pressure Wire Connectors |

Contact Characteristics

| | |
|--|--------------------------|
| Contact Rating | 50 A |
| Contact Configuration | SPST-NO-DM |
| Contact Materials | Silver Alloy |
| Maximum Switching Voltage (V) | 600 V |
| Switching Current at Voltage (AC, Resistive) | 50 A at 277 VAC 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 5 VAC/VDC |

Coil Characteristics

| | |
|-------------------------------------|-------------|
| Nominal Input Voltage | 24 VDC |
| Coil Resistance (Ohms) | 290 Ohm |
| Operating Range - % of Nominal (AC) | 85 to 110 % |
| Operating Range - % of Nominal (DC) | 80 to 110 % |
| Average Consumption (AC / VA) | 10 VA |
| Average Consumption (DC / W) | 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

| | |
|--|--------------------------------|
| Ambient Air Temperature around the Device - Storage | -40 to +85 çC |
| Ambient Air Temperature around the Device - Operation | -40 to +55 çC |
| Connection | 8 AWG 10 mm_ |
| Terminal Tightening Torque | 7 to 9 in lb 0.8 to 1.0 Nãm |

Product Certifications

| | |
|-------------------------|---|
| Agency Approvals | UL (E43641) CSA (168986) CE (per IEC 60947-1) RoHS |
|-------------------------|---|