

Honeywell Sensing and Control

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3MS1 00123146
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3MS1 QPL Series Military Thermostats

Actual product appearance may vary.

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Overview **Specs** Documentation Application Notes

Product Specifications

| | |
|--------------------------------|---|
| Functional Properties | Open on rise |
| Reset Type | Automatic |
| Amperage | 5.0 A resistive |
| Voltage | 28 Vac/Vdc |
| Operating Temperature | -46 °C to 191 °C [-50 °F to 375 °F] |
| Environmental Exposure Range | -65 °C to 260 °C [-85 °F to 500 °F] |
| Open Temperature | 1.7 °C [35 °F] |
| Close Temperature | -9.4 °C [15 °F] |
| Open Tolerance | 2.8 °C [5 °F] |
| Close Tolerance | 1.7 °C [3 °F] |
| Dielectric Strength | MIL-STD-202, Method 301; 1250 Vac 60 Hz - Terminal to Case |
| Insulation Resistance | MIL-STD-202, Method 302; 500 MOhm |
| Contact Resistance | MIL-STD-202, Method 307; 0.050 Ohm max. |
| Hermetic Seal | MIL-STD-202, Method 112; Cond. C |
| Moisture Resistance | MIL-STD-202, Method 106 |
| Shock | MIL-STD-202, Method 213; 100 G |
| Vibration | MIL-STD-202, Method 204; 20 G |
| Acceleration | MIL-STD-202, Method 212; 20 G |
| Thermal Shock | MIL-STD-202, Method 107; Cond. B |
| Salt Spray | MIL-STD-202, Method 101; Cond. B |
| Housing Material | Steel housing hermetically sealed with glass-to-metal seal at terminal junction |
| Contact Material | Consil alloy MG/ silver |
| Agency Approvals and Standards | Mil-PRF-24236/1 and QPL |
| Mounting | B215 fixed bracket |
| Series Name | 3MS1 QPL |

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