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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	46.1 °C [115 °F]
Close Temperature	26.7 °C [80 °F]
Open Tolerance	2.8 °C [5 °F]
Close Tolerance	3.9 °C [7 °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	No bracket
Series Name	3MS1 QPL

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