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3800 00470003  
( [Home](#) : [Products](#) : [Sensors](#) : [Thermostats](#) : 3800 )



3800 Series Industrial-grade Thermostats for Severe Duty Applications

Actual product  
appearance may vary.

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[Distributor Inventory](#)

[Overview](#)   [Specs](#)   [Documentation](#)

Product Specifications

Functional Properties	Open on rise
Reset Type	Automatic
Amperage	2.0 A/1.0 A/5.0 A/5.0 A
Voltage	120 Vac/240 Vac/30 Vac/30 Vdc
Operating Temperature	-29 °C to 260 °C [-20 °F to 500 °F]
Environmental Exposure Range	-62 °C to 288 °C [-80 °F to 550 °F]
Open Temperature	130.0 °C [266 °F]
Close Temperature	123.9 °C [255 °F]
Open Tolerance	2.8 °C [5 °F]
Close Tolerance	2.8 °C [5 °F]
Dielectric Strength	ML-STD-202, Method 301; 1250 Vac 60 Hz - Terminal to Case
Insulation Resistance	ML-STD-202, Method 302; Cond. B - 500 MOhm - 500 Vdc applied
Contact Resistance	ML-STD-202, Method 307; 0.050 Ohm
Hermetic Seal	ML-STD-202, Method 112; Cond. 1x10-5
Moisture Resistance	ML-STD-202, Method 106
Shock	ML-STD-202, Method 213; 400 G
Vibration	ML-STD-202, Method 204; 20 G
Housing Material	Steel housing hermetically sealed with glass-to-metal seal at terminal junction
Contact Material	Consil alloy MG/silver
Mounting	HS306 6-32 hex cap stud
Series Name	3800

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