

# 2500 Series<sup>®</sup> System Standard Environmental Specifications

## Standard Environmental Specifications

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Operating temperature	0 to 60°C C (32 to 140° F) unless otherwise noted in the applicable product specification
Storage temperature	-40 to +70° C ( -40 to 158° F)
Relative humidity	5% to 95% non condensing
Vibration	Sinusoidal IEC 68-2-6, Test Fc 0.15 mm peak-to-peak, 10-57 Hz; 1.0 g, 57-150 Hz Random IEC 68-2-34, Test Fdc, Equivalent to NAVMAT P-9492 0.04 g2/Hz, 80 Hz to 350 HZ, 3dB/Octave rolloff 80-20 Hz, 350 - 2 000 HZ
Shock	IEC 68-2-27 (Test Ea)
Electrostatic discharge	IEC 801, Part 2, Level 4, (12 kV)
Noise immunity, Conducted	IEC 801, Part 4, Level 3
Noise immunity, radiated	IEC 801, Part 3, Level 3; MIL STD 461B RS01 & RS02
Corrosion*	H2S < 10 ppb SO2 <1 000 ppb CL2 <2 ppb NO2 < 125 ppb Ppb = parts per billion

\* For corrosive environments exceeding these concentrations, please contact CTI about conformal coating for our products.



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