







PRECISION THERMOSTAT SELECTION GUIDE

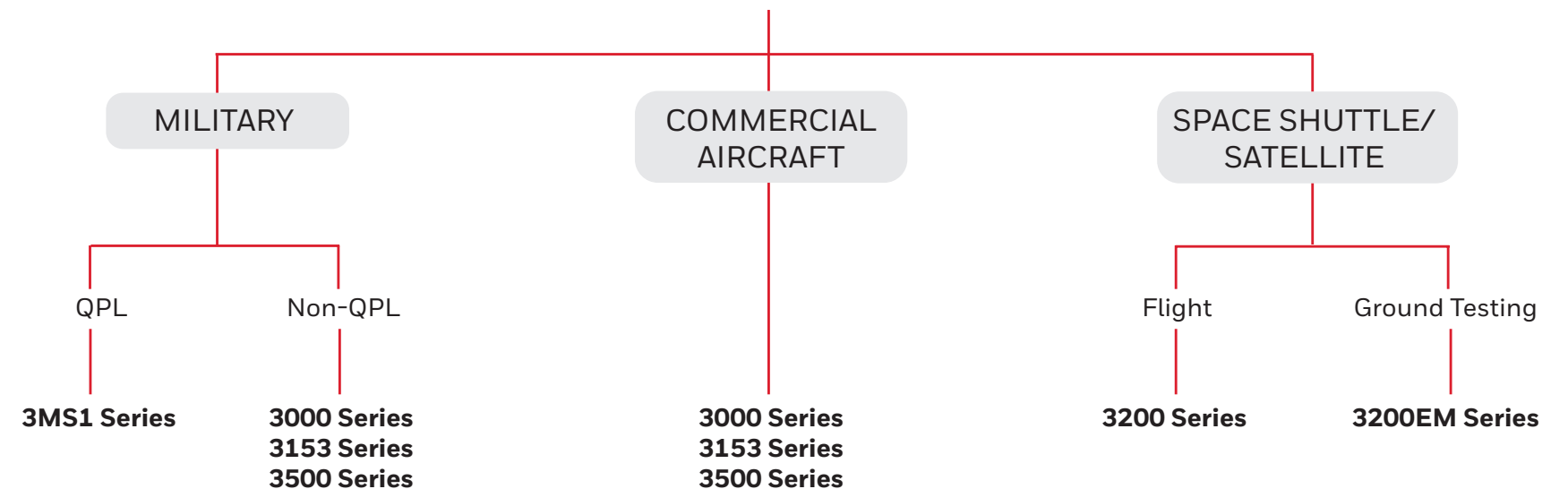
PERFORMANCE QUALIFICATIONS											
SERIES	APPLICATIONS	SHOCK	VIBRATION	ACCELERATION	THERMAL SHOCK	DIELECTRIC STRENGTH	INSULATION RESISTANCE	CONTACT RESISTANCE	HERMETIC SEAL	MOISTURE RESISTANCE	SALT SPRAY
 3200	Space (flight)	MIL-STD-202 Method 213 750 Gs	MIL-STD-202 Method 204 30 Gs	MIL-STD-202 Method 212 20 Gs	MIL-STD-202 Method 107 Cond. B	MIL-STD-202 Method 301 1250 Vac	MIL-STD-202 Method 302 500 MOhm	MIL-STD-202 Method 307 0.025 Ohm max.	MIL-STD-202 Method 112 Cond. C	MIL-STD-202 Method 106	MIL-STD-202 Method 101 Cond. B
 3200EM	Space (ground testing)	MIL-STD-202 Method 213 750 Gs	MIL-STD-202 Method 204 50 Gs	MIL-STD-202 Method 212 20 Gs	MIL-STD-202 Method 107 Cond. B	MIL-STD-202 Method 301 1250 Vac	MIL-STD-202 Method 302 500 MOhm	MIL-STD-202 Method 307 0.025 Ohm max.	MIL-STD-202 Method 112 Cond. C	MIL-STD-202 Method 106	MIL-STD-202 Method 101 Cond. B
 3MS1	QPL requirements	MIL-STD-202 Method 213 100 Gs	MIL-STD-202 Method 204 20 Gs	MIL-STD-202 Method 212 20 Gs	MIL-STD-202 Method 107 Cond. B	MIL-STD-202 Method 301 1250 Vac	MIL-STD-202 Method 302 500 MOhm	MIL-STD-202 Method 307 0.050 Ohm max.	MIL-STD-202 Method 112 Cond. C	MIL-STD-202 Method 106	MIL-STD-202 Method 101 Cond. B
 3500	Military/aircraft	MIL-STD-202 Method 213 400 Gs	MIL-STD-202 Method 204 20 Gs	MIL-STD-202 Method 212 20 Gs	MIL-STD-202 Method 107 Cond. B	MIL-STD-202 Method 301 1250 Vac	MIL-STD-202 Method 302 500 MOhm	MIL-STD-202 Method 307 0.050 Ohm max.	MIL-STD-202 Method 112 Cond. C	MIL-STD-202 Method 106	MIL-STD-202 Method 101 Cond. B
 3153	Various	MIL-STD-202 Method 213 100 Gs	MIL-STD-202 Method 204 20 Gs	–	MIL-STD-202 Method 107 Cond. B	MIL-STD-202 Method 301 1250 Vac	MIL-STD-202 Method 302 500 MOhm	MIL-STD-202 Method 307 0.050 Ohm max.	MIL-STD-202 Method 112 Cond. C	MIL-STD-202 Method 106	MIL-STD-202 Method 101 Cond. B
 3000	Various	MIL-STD-202 Method 213 100 Gs	MIL-STD-202 Method 204 20 Gs	–	MIL-STD-202 Method 107 Cond. B	MIL-STD-202 Method 301 1250 Vac	MIL-STD-202 Method 302 500 MOhm	MIL-STD-202 Method 307 0.050 Ohm max.	MIL-STD-202 Method 112 Cond. D	MIL-STD-202 Method 106	MIL-STD-202 Method 101 Cond. B

- The 3200 Series device should be used in applications where high reliability and mission safety are critical.
- The 3200EM device that employs the same design and materials as the 3200 is available for ground testing of engineering mockups, as a lower-cost alternative
- In military applications, device selection initially depends on the need for qualification to MIL-PRF-24236. If the device must be qualified and appear on the Qualified Products List (QPL), the selection limits to the 3MS1 Series.
- If qualifications to MIL-PRF-24236 are not mandatory, device selection should be based on configuration and environmental requirements.
- See individual product sheets for additional information.

- [View the Range Guide](#)

- [View the Datasheet](#)

HIGH RELIABILITY APPLICATIONS



Honeywell Advanced Sensing Technologies

830 East Arapaho Road
Richardson, TX 75081
800-582-4263
sps.honeywell.com/ast

009099-1-EN | 1 | 08/21
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