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CLOCK TIMING

Internal Real-Time Clock	Drift Typical ± 30 seconds/yr. Temperature compensated. ± 70 seconds/yr. max drift
SNTP	Accuracy: ± 10 to 100 milliseconds absolute, UTC time. Dependent on network latency.
GPS (with optional Sync module)	Accuracy <1 microsecond
Microsynchrophasor (coming soon)	Accuracy 0.1° or better

OPERATING ENVIRONMENT

Ambient Conditions - Operating	-20°C ~ 50°C, 5% RH ~ 95% RH non-condensing
Transient Voltages	100kHz ring wave, 6 kV pk, IEC 61180, IEC 61000-4-5. Applied to voltage measuring terminals with Performance Evaluation Class 1. (When applied to optional power supply mains terminal, supply's fuse may operate in PE Class 3 at test levels greater than 4 kV.)
EFT Burst Immunity	4 kV pk, IEC 61000-4-4, Performance Evaluation Class 1. Applied to power measuring terminals and optional PS1 power supply mains terminals.
RF Field Strength Immunity	3V / m, IEC 61000-4-3 Test Level 2.
Magnetic Field Strength Immunity	30A / m, IEC 61000-4-8 Test Level 4.
Ingress Protection Rating (IP Rating)	IP20H, IEC 60529.

