

# PEARSON™ CURRENT MONITOR MODEL 5803

Sensitivity	0.01 Volt/Ampere ±1%
Output resistance	50 Ohm
Maximum peak current	50,000 Amperes
Maximum rms current	1,000 Amperes
Drop rate	4.0 %/millisecond
Useable rise time	200 nanoseconds
Current time product	12 Ampere-second*
Low frequency 3dB cut-off	7 Hz (approximate)
High frequency 3dB cut-off	2 MHz (approximate)
I/f figure	80 peak Amperes/Hz
Output connector	BNC
Shielding	Double
Operating temperature	0 to 65 °C
Weight	12.5 pounds

\* Maximum current-time product can be obtained by using core-reset bias as described in the *Application Notes*. 4 Ampere-second is typical without bias.

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