

PEARSON™
CURRENT
MONITOR
MODEL 5834

Sensitivity	10 Volt/Ampere ±1%
Output resistance	1,000 Ohms
Maximum peak current	50 Amperes
Maximum rms current	4 Amperes
Drop rate	0.3 %/microsecond
Useable rise time	350 nanoseconds
Current time product	1 mAmpere-second max.*
Low frequency 3dB cut-off	500 Hz (approximate)
High frequency 3dB cut-off	1 MHz (approximate)
l/f figure	6 peak mAmperes/Hz
Output connector	BNC (UG-290A/U)
Operating temperature	0 to 65 °C
Weight	22 ounces

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

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