

# PEARSON<sup>TM</sup> CURRENT MONITOR MODEL 8611

Sensitivity	0.1 Volt/Ampere $\pm 1\%$
Output resistance	50 Ohms
Maximum peak current	5,000 Amperes
Maximum rms current	140 Amperes
Droop rate	1.5 %/millisecond
Useable rise time	40 nanoseconds
Current time product	0.5 Ampere-second maximum*
Low frequency 3dB cut-off	2 Hz (approximate)
High frequency 3dB cut-off	10 MHz (approximate)
I/f figure	3 peak Amperes/Hz
Output connector	BNC (UG-657A/U)
Operating temperature	0 to 65 °C

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

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