

# PEARSON™ CURRENT MONITOR MODEL 4191

Sensitivity	0.01 Volt/Ampere $\pm 1\%$
Output resistance	50 Ohms
Maximum peak current	50,000 Amperes
Maximum rms current	500 Amperes
Droop rate	4.0 %/millisecond
Useable rise time	60 nanoseconds
Current time product	5.0 Ampere-second maximum*
Low frequency 3dB cut-off	6 Hz (approximate)
High frequency 3dB cut-off	7 MHz (approximate)
l/f figure	35 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*.  
1.8 Ampere-second is typical without bias.

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