

PEARSON™
CURRENT
MONITOR
MODEL 3972

Sensitivity	0.1 Volt/Ampere ±1%
Output resistance	50 Ohms
Maximum peak current	5,000 Amperes
Maximum rms current	50 Amperes
Drop rate	1.0 %/millisecond
Useable rise time	20 nanoseconds
Current time product	0.2 Ampere-second maximum*
Low frequency 3dB point	1 Hz (typical)
High frequency 3dB point	20 MHz (typical)
I/f figure	0.6 peak Amperes/Hz
Output connector	BNC (UG-290A/U)

* Maximum current-time product can be obtained by using core-reset bias as described in the *Application Notes*. 0.06 Ampere-second is typical without bias.

© 1999 Pearson Electronics, Inc. 3972.SPX_990920

