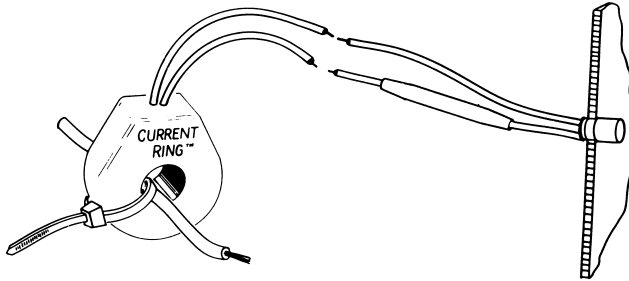


## APPLICATION SHEET ANCR2530-1

### Using the CR2530 Current Level Indicator

The CR2530 can be used as an indicator of the level of the load on a circuit. The level of turn on is factory installed, giving the designer full flexibility when load indication is required.



WIRE PASSES	MAX. WIRE DIAMETER
1	0.29
2	0.14
3	0.13
4	0.12

### APPLICATION AND LIMITATIONS

- The on level of the CR2530 can be delivered from the factory for any turn on point desired. Partial brightness occurs at 5% below turn on, and full brightness occurs at 5% above turn on. This feature can be useful as a load indicator, communicating proximity to overload to an operator or systems maintainer.
- The on level of the CR2530 can be adjusted by increasing the number of primary turns. The table above gives the size wire and the number of turns that can be used. Dividing the normal one turn on level by the number of primary turns will give the adjusted turn on level.
- The CR2530 is designed to be wire mounted using the wire tie provided. The attached LED is provided with a snap in panel mount.
- The maximum current that the unit can handle is 100 Amps for a single turn. Using multiple primary turns decreases the maximum allowed by the same rules for adjusting the turn on point.
- For applications where the primary current cannot be routed to an easily viewed spot to use the CR2530, please refer to our **Remote Indicator** line. These separate the LED and the ring sensor to give greater flexibility.
- Care must be taken when using the CR2530 within heater environments. The maximum operating temperature of the unit is 65 degrees C.