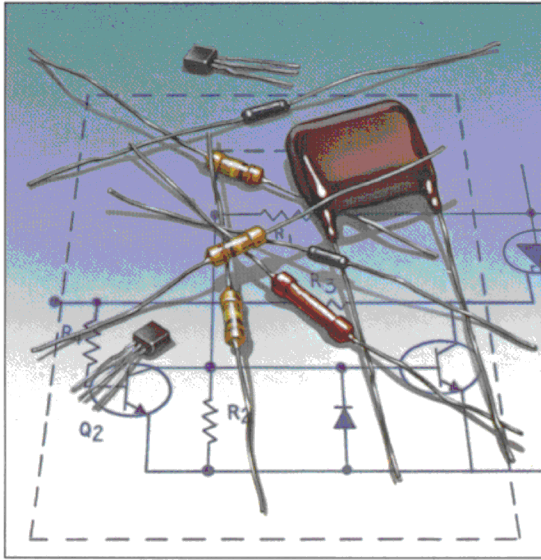
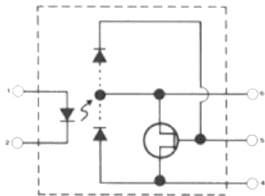


This drives an SCR.



Spikes. Surges. Noise. False triggering. Now you can eliminate them from your SCR-drive circuitry. In fact, you can almost eliminate your SCR-drive circuitry—all

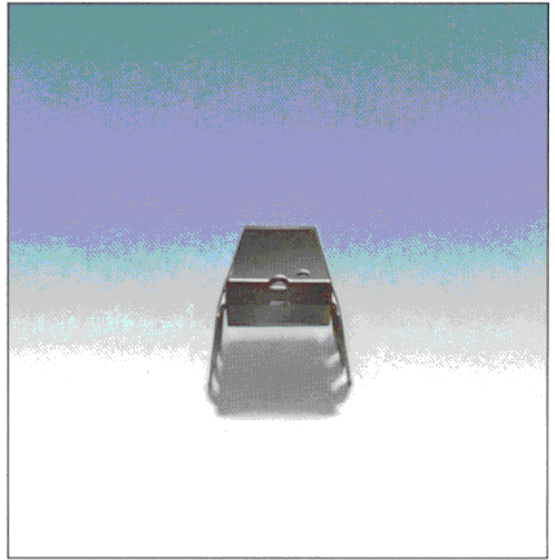


except one device—and that's the one that provides superior electrical performance.

Hard to believe? Not when it's the new revolutionary ISO-gate™ SCR-driver from Dionics. The ISO-gate, in a six pin mini-dip, "tames" the SCR by self-generating the required drive power; it doesn't have to be connected across the main power lines or to any other power source. It's the first—and only—optoisolator to provide a truly "floating" output with the capability of directly driving the gate of an SCR.

Acting as its own self-generated and self-limited power supply, the ISO-gate SCR-driver produces an ideal, pure DC photovoltaic output in response to its internal LED-input signal. Direct drive of sensitive gate SCRs is now simpler and better than ever. Better yet, an internal depletion MOSFET across the output also provides the ideal turn-off resistor, varying from 100 meg-ohms when the LED is turned on, down to a few hundred ohms when the LED is shut off; considerably lower values to be available shortly. As a result, dV/dt protection is just about perfect.

This drives it better.



There's more. For non-sensitive gate, higher power SCRs, the ISO-gate can serve as a single component, ideal snubber circuit, imparting all the same advantages as though it were direct driving.

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