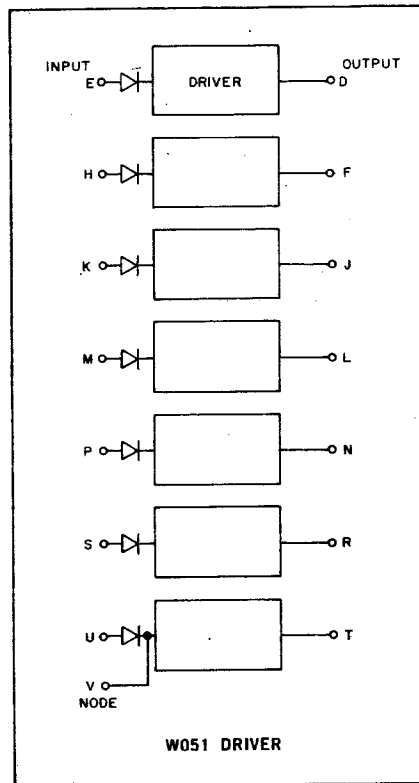


# 100 MA INDICATOR AND RELAY DRIVER TYPE W051

**W**  
**SERIES**



The W051 contains seven inverter amplifiers suitable for driving indicators, relays, and other medium power devices. The amplifiers can supply up to 100 ma at ground, and each output is diode clamped to  $-15\text{v}$  to prevent overvoltage when the current is interrupted in an inductive load. If the input is at  $-3\text{v}$ , the output is at ground.

**INPUT: Diode** — Standard levels of  $-3\text{v}$  and ground. The input load is 3 ma at ground. **Node** — Other inputs may be connected here through diodes such as those in the R002. The 3-ma load is shared among the grounded inputs.

**OUTPUT:** The output is capable of supplying 100 ma at ground. The external load may be connected to any voltage between 0 and  $-15\text{v}$ . The negative output is diode clamped to prevent it from going more negative than  $-15\text{v}$ . Typical delay for circuit alone: 1 microsecond. Decay time of current in inductive loads may be much longer.

**POWER:**  $+10\text{ v(A)}/3\text{ ma}$ ;  $-15\text{ v(B)}/23\text{ ma}$ .

**NOTE:** An additional 700 ma will be drawn from  $-15\text{v}$  when all circuits are on. This power is not drawn from the module.