

NEW . . . and so simple any genius could have designed it. **CHERRY** electronic data entry **KEYBOARD**



A NEW KIND OF KEYBOARD

with a uniquely simple design that utilizes scanning technique. Key depression causes a matrix connection between decoder and multiplexer. The LOW output of the decoder appears at the corresponding multiplexer terminal. When the counter reaches the appropriate key code, cross matrix continuity is sensed. The multiplexer then provides a HIGH output to the monostable multivibrator causing a 1 millisecond pulse. This inhibits the clock and stops the counter on the desired code.

A NEW KIND OF KEY

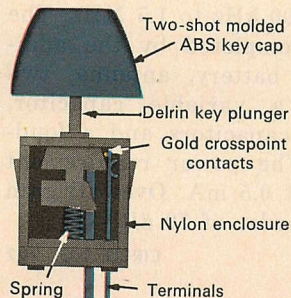
with gold "crosspoint" contacts that eliminate the two main causes of contact failure—(1) formation of insulating chemical film on contact surfaces and (2) mechanical interference of foreign particles on contacts. This proven design concept (Gold prisms at right angles to each other) provides high force per unit of contact area and virtually eliminates contact closure interference from foreign particles.

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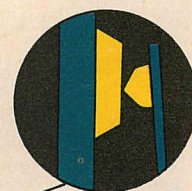
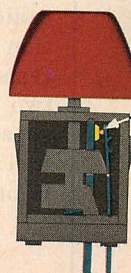
IMPORTANT "MOST WANTED" FEATURES

- 1 Low cost 2 Long life
- 3 Low profile 4 Inherent 2 key rollover
- 5 Wire "OR" able output
- 6 Low power (1.5 watt max.) 7 Custom designs
- 8 True typewriter sequencing
- 9 Only one power level input 10 High reliability

REST POSITION



OPERATED POSITION



**Gold "crosspoint"
contacts for
unexcelled reliability**

Mechanical life in excess of
10 Million operations

FOR TECHNICAL DATA: TWX 910-235-1572

.... or phone (312) 689-7600 ext. 7717. OR write:

CHERRY



CHERRY ELECTRICAL PRODUCTS CORP.
3600 Sunset Avenue, Waukegan, Illinois 60085

Makers of patented Leverwheel/Thumbwheel Switches, Matrix Selector Switches, Snap-Action Switches and Keyboards.