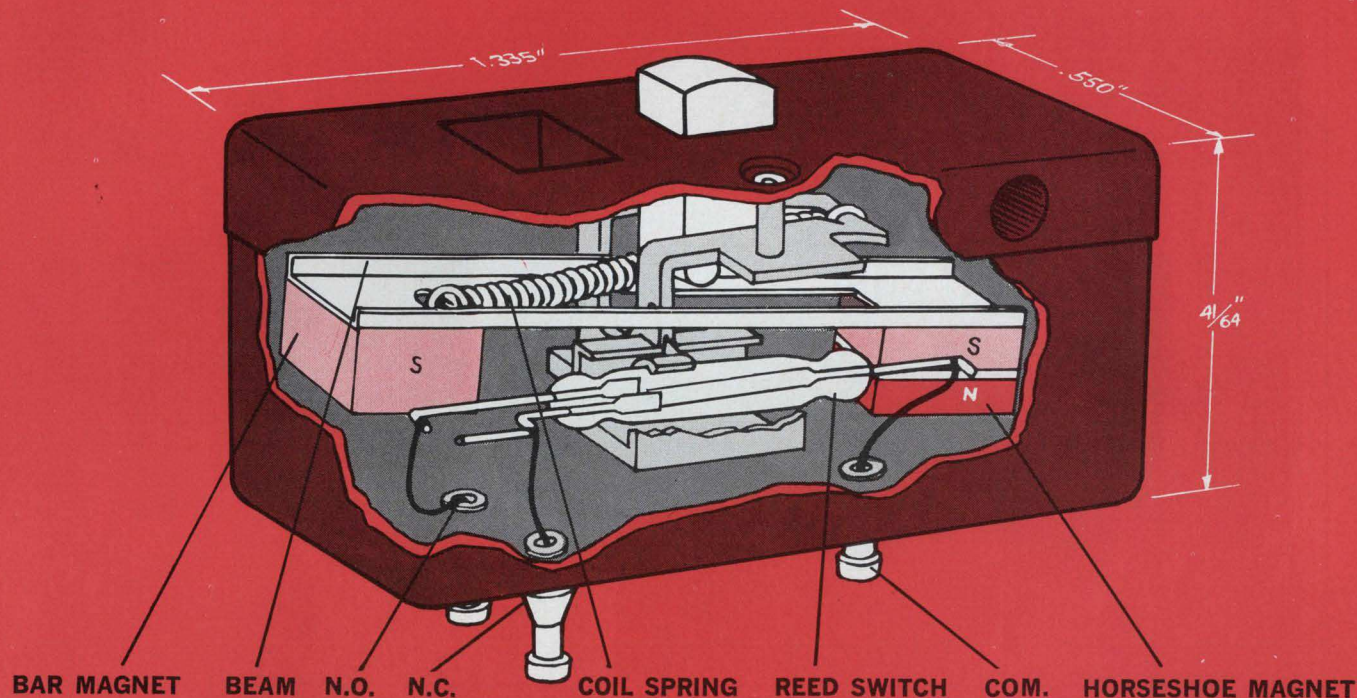


POSITIVE LOW ENERGY SWITCHING



New "snap/reed" switch

Mechanically actuated reed switch . . . combines reed reliability with snap switch utility

All these features in one switch:

- long life*
- high operation rate (60 per second)
- low bounce time (300 microsec., typical on single throw)
- precise operating points ($.165 \pm .015$)
- low movement differential (.010 typical)

A completely new concept in switching low energy circuits, Cherry's "snap/reed" switch utilizes proven coil spring snap-action movement to position magnets, providing a positive push/pull drive of reed to open or closed position.

SWITCH CHARACTERISTICS

Operating Point	$.165 \pm .015$
Pretravel	.035 max.
Overtravel	.040 min.
Insertion Resistance	150 milliohms max.
Maximum D.C. Resistive Loads	3 Watts, 28 Volts, 110 M.A.
Maximum Sinusoidal Mechanical Operation Rate	60 per second
*Expected electrical life at 25% of full load—20 million operations on single throw—10 million operations on double throw.	

BOUNCE TIME

	S.P.N.O.	S.P.N.C.	S.P.D.T.
Open Contact	1.0 msec. max. 0.3 msec. typ.		1.0 msec. max. 0.3 msec. typ.
Closed Contact		1.0 msec. max. 0.3 msec. typ.	3.0 msec. max. 1.0 msec. typ.

WRITE for detailed brochure on this new Cherry "snap/reed" Switch—today.

