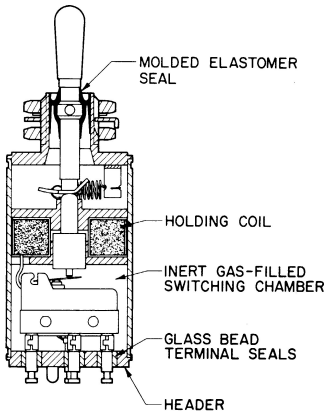
ET Series Magnetically Held Toggle Switches
Operation and Electrical Ratings

Application Sheet

PRINCIPLE OF OPERATION



A holding coil in ET toggle switches replaces mechanical holding mechanisms to maintain the toggle in an operate position. The toggle is released by breaking the coil circuit.

When the hold in coil circuit is open, the ET functions as a momentary contact switch. When the coil is energized (through remote contacts), the toggle lever will be held (maintained) in the operate position. De-energizing the coil causes the lever to snap back to the unoperated position. The lever can also be released manually (overridden).

The solenoid has a hold in capacity only. It will not pull the toggle lever into an operating position from an unoperated position.

TWO POSITION.

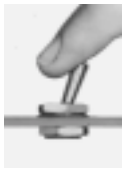


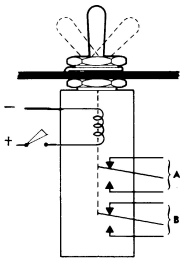
Photo 1

Photo 2

Photo 3

The illustration above shows the operating sequence for an ET with one SPDT circuit. (1) circuit closed manually; (2) energized solenoid holds switch circuit closed; and (3) remote control breaks solenoid circuit, releases the toggle, and opens the switch circuit. (In ETs with two SPDT circuits, both circuits transfer when the lever is operated.)

THREE POSITION



ETs with two SPDT circuits have a magnetic hold in capability in both directions from center. When the lever is in the center position, the circuitry is as shown in the illustration above. When the lever is moved to one extreme position, switch (A) circuit is transferred and switch (B) circuit is unchanged. In the other extreme position, switch (B) circuit is tranferred while switch (A) circuit is unchanged.

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ELECTRICAL RATINGS

Series	Voltage	Amperage					
		Sea Level (Sealed)			19,812 m [65,00 Feet]		
		Resistive	Inductive	Motor	Resistive	Inductive	Motor
26ET	28 Vdc	4	2.5	4	4	2	4
25ET	28 Vdc	4	3	4	4	2.5	4
27ET	28 Vdc	7	2	-	5	1.5	-

WARRANTY/REMEDY

Honeywell warrants goods of its manufacture as being free of defective materials and faulty workmanship. Commencing with date of shipment, Honeywell's warranty runs for 18 months. If warranted goods are returned to Honeywell during that period of coverage, Honeywell will repair or replace without charge those items it finds defective. The foregoing is Buyer's sole remedy and is **in lieu of all other warranties, expressed or implied, including those of merchantability and fitness for a particular purpose**.

For application assistance, current specifications, pricing or name of the nearest Authorized Distributor, contact a nearby sales office. Or call:

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