

## HEN Series Environmentally Sealed Limit Switches

### Features

- Circuitry options from 1PST (one-pole single throw) circuit to 6PDT (six-pole double throw) circuits for position indication of different independent circuits or providing redundant circuit capabilities
- Rugged stainless steel (300 Series) housing and bushing
- All-metal drive train for consistent operating characteristics at high or low temperatures
- Gold-bifurcated, gold-plated, or silver-alloy switch contacts for reliably controlling electrical loads

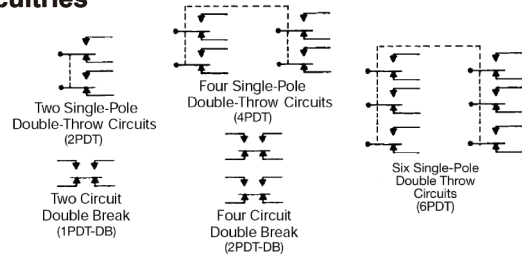
### Potential Applications

- Landing gear systems for commercial and military aircrafts
- External doors and hatches for commercial and military aircrafts
- Military ground vehicles
- Off-road construction equipment

### Specifications

Rated Current/Voltage	Resistive 7A/28VDC Motol 4A/28VDC Inductive 4A/28VDC
Service Life	Mechanically >25,000 (operations) Electrically >25,000 (operations)
Operating Temperature	Std: -54 °C to 125 °C [-65 °F to 257 °F] High -65 °C to 315 °C [-85 °F to 600 °F]
Vibration Resistance	Symbol 1, 10 g peak (10 -500 Hz)
Shock Resistance	Symbol M (100g) per MIL-PRF-8805
Environmental Sealing	Symbol 5, hermetically seal per MIL-PRF-8805
Insulation Resistance	500VDC; 1000 MOhms (min)
Dielectric Strength	1000V RMS; 500 µA (max)

### Circuitries



### Selection Guide:

<b>HEN 1</b>	Circuitry	Actuation Force	<b>04 - 25</b>	Actuator Style	Body Length	<b>E - U 12</b>	Overtravel	Terminal Style	Length	Unit	Option
	1: 1PDT (1NO/1NC)	Blank: Standard force		11: Pin plunger	25: 25mm		Blank: Standard	S: Screw		Blank: Inch	Blank: Standard
	1A: 1PDT-DB (1NO/1NC)	L: Light force		12: Roller plunger	30: 30mm		S: Reduced OT	Q: Connector		F: Foot	K: Gold Contact
	2: 2PDT (2NO/2NC)			04: Rotary lever			E: Extended OT	U: Wire leads		M: Meter	H: High Temp 600F
	2A: 2PDT-DB (2NO/2NC)			22: Cross roller plunger				W: Wire leads			
	4: 4PDT (4NO/4NC)							C: Cable			
	4A: 4PDT-DB (4NO/4NC)										
	6: 6PDT (6NO/6NC)										
	6A: 6PDT-DB (6NO/6NC)										

### Pictures and Dimensions:

