



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



NEW



1131/60 Inverted Bellow Toggle Switch Boot



Patents Pending Full (Half Toggle in development) Environmental Sealing Boots

To avoid unintentionally tripping a sensitive breaker/switch into the on/off position, we recommend attaching the APM HEXSEAL® 1131/60 inverted bellow toggle switch boot. There are an increasing number of breakers/switches that when covered with an environmental sealing switch cover can trip the breaker switch into the off position due to the mere physics of being covered by the wrong type cover. APM uses low durometer rubber in many cases to guard against this tendency. However, there are an increasing number of breaker/switches where this strategy alone is not sufficient, and our **“Ultra Flex Series”** with a bellow design incorporated therein is very able to combat this problem. Prime examples of this trend include the CBI “B”/“DD” frame, Airpax “Snapak” frame, and Carling “M” frame all with an extremely light spring load on the baton style actuator handle. These are used extensively by the military, marine, industrial, construction and commercial industries around the world.

FEATURES AND BENEFITS

1. Avoid unintentionally tripping a sensitive switch into the on/off position
2. Ultra Flex Designed to provide very little or no resistance to the actuator
3. UL Recognized
4. NEMA 4, 4X/IP68 sealing capabilities

CROSS REFERENCE

Switch P/N	APM Hexseal P/N
CBI - “B”/ “D” Frame	1131/60
Airpax - “Snapak” Frame	1/2-32 NS-2B Inverted Bellow
Carling – “M” Frame	Toggle Boot

The Ultra Flex is designed to provide very little or no resistance to the actuator that would cause the breaker to trip.

It still provides a UL recognized sealing performance that meets the NEMA 4, 4X/IP68 sealing standards.

APM HEXSEAL patented the original circuit breaker environmental sealing breaker cover and associated electromechanical switch sealing boots 65 years ago and continues to do so today.

APM’s mission is to provide complete sealing solutions resulting in total customer satisfaction. The world continues to evolve technologically, and APM continues to resolve sealing problems for industry and the military.



SPECIFICATIONS

Material: HEXSEALS: Silicone rubber conforms to A-A-59588 Class III, GR 25 (unless otherwise specified)
Mounting Nut: Brass nickel plated
Temperature Range: -94° F to +400° F (-70° C to +204° C)
Pressure Range: Exceeds 15 psi internal and 1,500 psi external
Resistant to: Salt spray, sunlight, ozone, weather, fungus, and most acids and lubricating oils.
Shelf Life: Excess of 25 years
Operation Life: 50,000 actuations minimum

Notes:

1. 1131/60 standard colors: Gray or Black unless otherwise specified.
2. New sizes and types of toggle boots being added regularly. Please request other types and styles as required.

Agency Recognition: UL and ULC Recognized to UL Std. 50.

*APM’s policy is to manufacture our HEXSEAL® sealing boots as defined by the requirements to MIL-DTL-5423 which we regard as the standard for the switch, circuit breaker and potentiometer industry. These requirements were formulated based on our original patent.



44 Honeck Street, Englewood, NJ 07631

Tel: 201-569-5700 • Toll Free: (800)498-9034 • Fax: 201-569-4106

www.apmhxseal.com • Email: info@apmhxseal.com