



Shown is Carling Technologies PB Circuit Breaker GFCI

FEATURES and BENEFITS

- Environmentally protects to IP66/68 ingress rating
- RUBRGLAS® silicone rubber boot prevents yellowing
- Meets demanding military specification MIL-DTL-5423
- Millions of these type of APM sealing boots are in use throughout the world serving the U.S. military and a wide range of industrial and marine/boating and construction applications
- UL Recognized Component
- Front panel mounted

CROSS REFERENCE

Carling Technologies P/N	APM Hexseal P/N
PB Series 1 & 2 Poles	1113/25 Rocker Actuated



**Ground Fault Circuit Breaker
Environmental Sealing Boot**

To achieve a higher level of environmental sealing performance and reliability, we recommend attaching the APM HEXSEAL® 1113/25 harsh elements sealing boot (cover) to the Carling Technologies PB-Series Ground Fault Circuit Breaker (rocker style) it was specifically designed to mate with. IP66/68 ingress rated, RoHS certified, manufactured to the most demanding military specification MIL-DTL-5423, which APM has been manufacturing this type of sealing boot for more than half a century. The 1113/25 will protect against penetration from water, moisture, dust, dirt, ozone, UV, fungus, lubricants, cleaning chemicals and most acids—some of the invasive, corrosive contaminants these circuit breaker GFCI devices are subject to on boats, in marinas and large back up generators.

Status visibility and tactile feel during the life of the sealing boot is critical.

To maintain absolute visibility throughout the full life of circuit breakers, APM molds the boot with its proprietary RUBRGLAS® silicone rubber, distinguished by its clear-blue tint. To prevent “yellowing” a special chemical formulation is used to maintain its integrity and resist ozone and UV degradation. The pure silicone rubber used by APM promotes smooth positive interaction between the finger and the actuators. For more information about the importance of silicone purity visit: www.apmhexseal.com/catalog_pdfs/APM_QualitySiliconeSeparated.pdf

Even the mounting screws represent an important sealing system enhancement.

Four stainless steel special (APM SEELSKREW®) mounting screws secure the zinc chromate plated mounting frame which mounts on the front of the panel. (Aluminum and stainless steel mounting frames are available upon request.) The sealing screws incorporate an internal sealing system consisting of an embedded silicone O-Ring in an asymmetrical groove that seals to 20,000psi internal/external, *a function too important to be handled by common screws.*

SPECIFICATIONS

Material: Boot: APM-RUBRGLAS (transparent silicone rubber) AA59588, Class III Grade 50. Frame: steel.
Screws: SEELSKREWS (self-sealing screws), stainless steel with silicone rubber O-ring.

Temperature Range: -94°F to +400°F (-70°C to +204°C)

Pressure Range: Dust tight and splashproof.

Resistant to: Salt spray, weather, UV, sunlight, ozone, corona and most acids.

Shelf Life: Excess of 25 years.

Operational Life: 10,000 actuations, minimum.

- Notes:**
1. Mounting screws are supplied in lengths shown unless otherwise specified.
 2. New sizes and types of RUBRGLAS-SEELS are being added regularly. Please request other types and styles as required.

Agency Recognition: All Circuit Breaker Boots are UL-Recognized Components to UL Std. 50, Types 1, 2, 3R, 3S, 4(X), 6P, 12, 12k & 13. UL Recognition also includes compliance with Canadian National Standards.

*APM's policy is to manufacture our HEXSEAL® sealing boots as defined by the requirements of 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.