

## GAU-LS-RH-2P

### General Use Rotary Head Limit Switch - 2-Pole - Aluminum Housing - NEMA/IP67

Product ID: 327418



Image: GAU-LS-RH-2P

Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

#### EXP-LS-RH-2P General Use Rotary Head Limit Switch

**Unit Type:** General Use Rotary Head Limit Switch

**Dimensions:** 6.1" x 2.72" x 2.79"

**Weight:** 2.5 lbs

**Voltage:** 600V AC/250V DC

**Amps:** 10A @ 120V AC, 10A @ 120V AC, 10A @ 120V AC, 1.5A @ 600V AC, 10A @ 125V DC, 0.5A @ 250V DC

**Short Circuit Protection:** 10A via CC Fuse, No Time Delay

**Poles:** 2

**Head Type:** Rotary

**Operator Type:** Zinc Spring Return w/o Operating Lever

**Switch Actuation:** CW and CCW (Left to Right)

**Switch Function:** DPDT-DB

**Approach:** 1 or 2 Programmable Direction Lateral Approach

**Minimum Torque for Tripping:** 4 lbf.in

**Maximum Actuation Speed:** 90 ft/min w/ 45° Cam Angle (Levers Only), 130 ft/min w/ 30° Cam Angle (Levers Only)

**Tripping Angle:** 10°

**Maximum Displacement Angle:** 90°

**Repeat accuracy:** +/- 0.002 in Linear Travel of Cam

**Contacts:** (2) NC-NO

**Contact Operation:** Snap Action

**Operating Temp:** -20°F to 185 °F

#### Features/Ratings

Non-Hazardous

IP67

NEMA 1,2,4,6,6P,12,13

#### Special Orders - Special Requirements

Contact us for special requirements



**Materials:** Aluminum (Body), Zinc (Head)  
**Mounting:** Surface or Conduit  
**Electrical Connection:** AWG 22 - AWG 12, Screw-clamp Terminals  
**Hubs:** (1) 1/2" - 14 NPT

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### **Made in the USA**

**The Larson Electronics GAU-LS-RH-2P General Use Rotary Head Limit Switch is a heavy-duty snap-action switching device for industrial equipment and mechanical position monitoring. This unit is compatible with 600V AC / 250V DC control circuits and contains two NC-NO contacts. The 2-pole limit switch is constructed of a durable aluminum body with a zinc rotary head, offering reliable performance in general industrial environments.**

The GAU-LS-RH-2P is designed for general area use and serves as a functional replacement for standard industrial limit switches such as the Honeywell LSA3K. This snap-action unit features a fixed body with a rotary head for lateral actuation. The limit switch supports short-circuit protection at 10 amps via a CC fuse (no time delay) and offers a 10-degree tripping angle, 90-degree max displacement, and repeat accuracy of  $\pm 0.002$  inches. Two NC-NO contacts are available, allowing the device to function as a direct SPDT equivalent when one pole is used.

Built to withstand demanding environments, the limit switch is rated IP67 and protected by a NEMA 1, 2, 4, 6, 6P, 12, 13 enclosure. The unit is suitable for operating temperatures between -20°F and 185°F, and offers high mechanical durability up to 10 million cycles.

**Mounting/Wiring:** The GAU-LS-RH-2P is compatible with surface or conduit mount configurations. One, 1/2" NPT hub is available for completing wiring connections.

**Applications:** General industrial equipment, mechanical position feedback, pump stroke counting, manufacturing automation, conveyors, material handling systems, machine safety interlocking, and other non-hazardous area applications.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message [sales@larsonelectronics.com](mailto:sales@larsonelectronics.com) for more information about our custom options tailored to meet your specific industry needs.



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## Frequently Asked Questions (FAQ)

There are no Faqs