

GAU-LS-RH-2P

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

Product ID: 327418

Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Image: GAU-LS-RH-2P

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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

Features/Ratings

Non-Hazardous

IP67

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



Contact Operation: Snap Action
Operating Temp: -20°F to 185 °F
Materials: Aluminum (Body), Zinc (Head)
Mounting: Surface or Conduit
Electrical Connection: AWG 22 - AWG 12, Screw-clamp Terminals
Hubs: (1) 1/2" - 14 NPT

Special Orders - Special Requirements

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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 ± 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.

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Frequently Asked Questions (FAQ)

There are no Fags



Image: GAU-LS-RH-2P



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Export Control Classification Number (ECCN): EAR99

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