

MICRO SWITCH™ GLL Series

Limit Switches



DESCRIPTION

Honeywell MICRO SWITCH™ GLL Series limit switches are part of the OEM set of miniature limit switches. They combine and enhance MICRO SWITCH™ GLS and SZL-VL switches into one common family, competitively priced for OEM applications.

The double insulated compact housing conforms to EN500047 and makes GLL Series switches often ideal for mounting where space is at a premium. These products feature direct opening normally closed circuits.

FEATURES

- Double break, direct-opening snap action contacts conform to IEC 60947-5-1-3 
- EN50047 mounting
- 20 mm and 1/2 in NPT conduit options
- Galvanically isolated contacts
- Double insulated plastic housing
- Snap action and slow action circuitry
- Contact block integral to switch housing
- Hinge cover for easy wiring access
- 50 mm rubber rollers ideal for elevator applications
- Sealing IP66; NEMA 1, 12, 13
- c-UL-US, CE, CCC
- rOhs compliant

The MICRO SWITCH™ GLL Series is available in a variety of actuator styles required for OEM applications. Designed to the IEC electrical standard, GLL is suitable for world-wide use and also meets globally accepted mounting standards.

The GLL Series provides a cost-effective solution for OEM high volume applications and enables manufacturers to be competitive in today's demanding business environment.

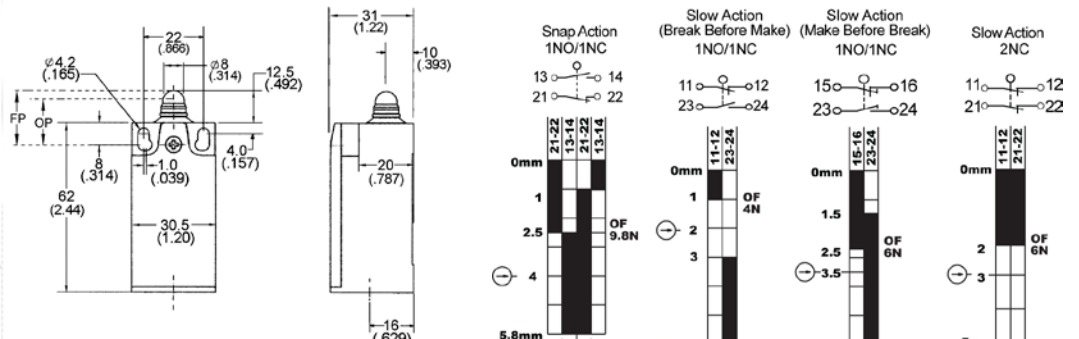
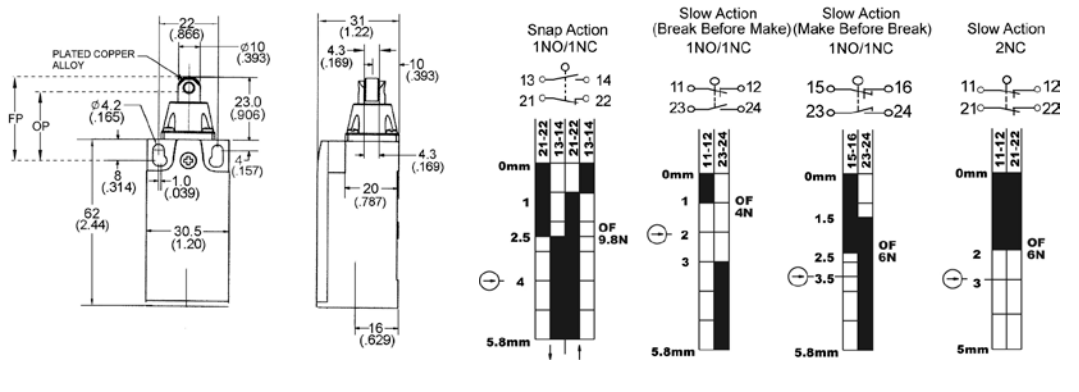
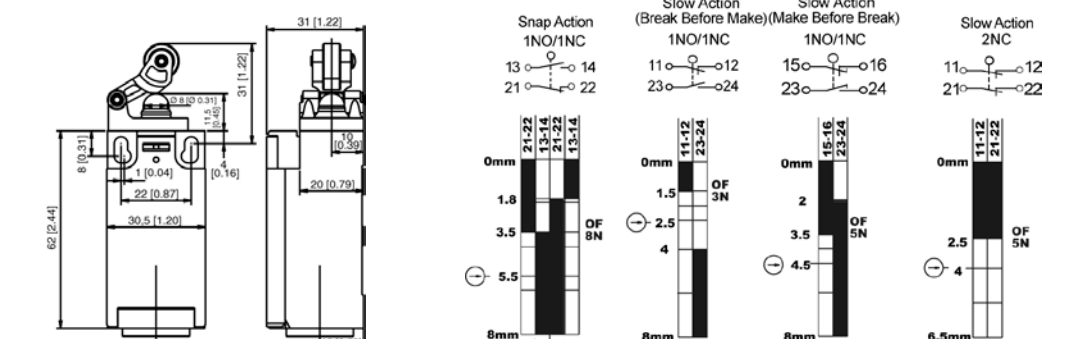
POTENTIAL APPLICATIONS

- Elevators
- Escalators
- Aerial/platform lifts
- Industrial doors
- Packaging equipment

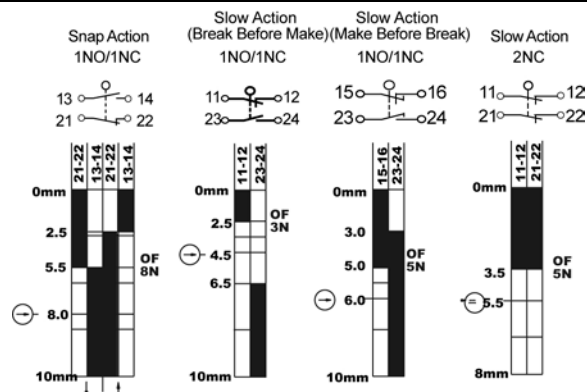
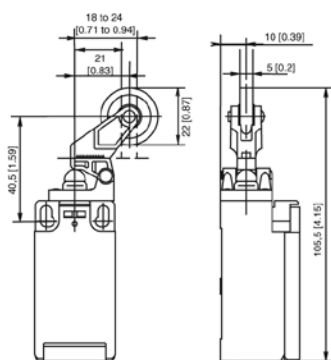
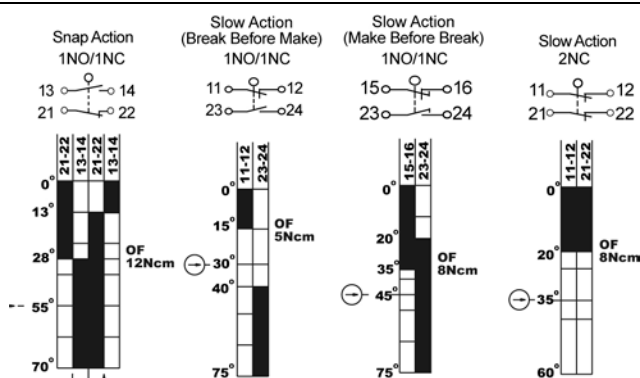
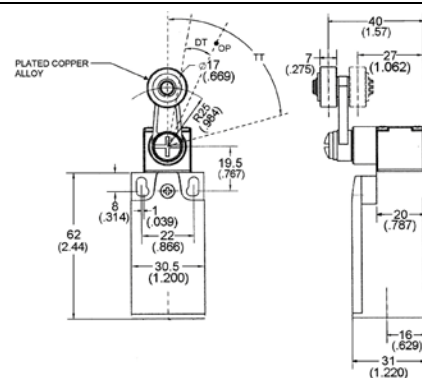
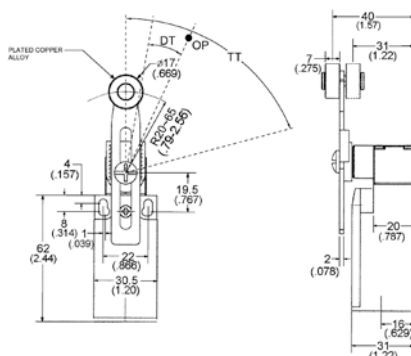
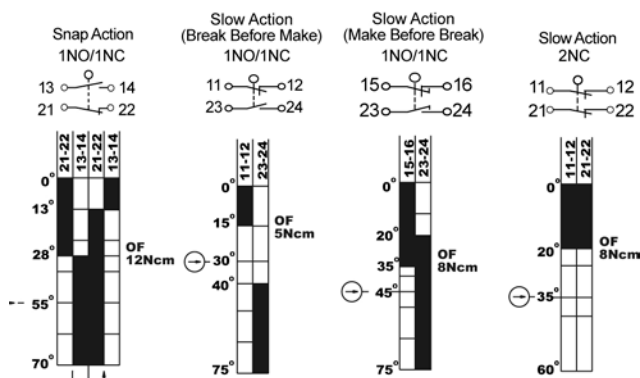
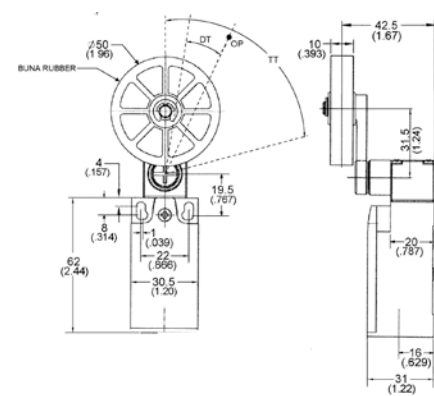
MICRO SWITCH™ GLL Series

SPECIFICATION DATA

Circuitry	1 NO 1 NC direct opening snap action, slow action (BBM), slow action (MBB); 2NC slow action
Ampere rating	10 A (Thermal)
Supply voltage	300 Vac and 250 Vdc max.
Housing material	Plastic
Termination type	12,7 mm [0.5 in] conduit; 20 mm [0.79 in] conduit
Housing type	EN 50047
Shock	50 g per PEC 68-2-27c (w/o actuator)
Vibration	10 g per IEC 68-2-6 (w/o actuator)
Sealing	IP66; NEMA 1, 12, 13
Approvals	c-UL-US, CE, CCC
Mechanical life	5 million operations
Operating temperature range	-10 °C to 80 °C [14 °F to 176 °F]

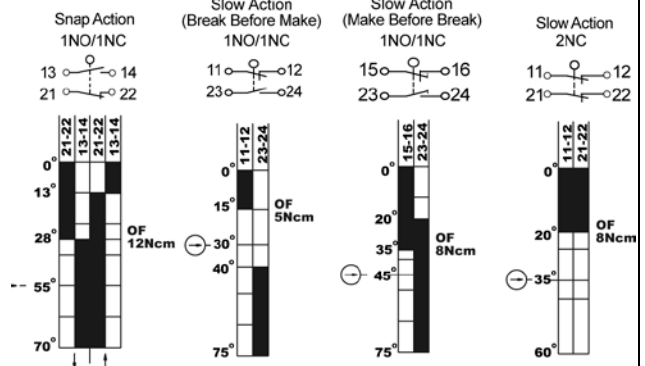
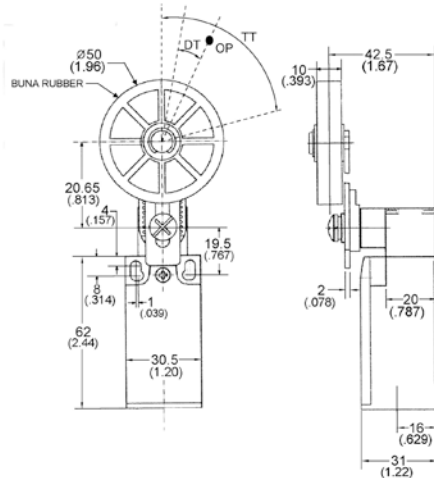
GLLA**B, GLLC**B 	 Dimensions: 31 (1.22), 10 (.393), 12.5 (.492), 8 (.314), 22 (.866), 4.2 (.165), 62 (2.44), 30.5 (1.20), 4.0 (.157), 1.0 (.039), 20 (.787), 16 (.629). Wiring Diagrams: - Snap Action 1NO/1NC: 13-14, 21-22, 21-22, 13-14, 0mm, 1, 2.5, 4, 5.8mm, OF 9.8N - Slow Action (Break Before Make) 1NO/1NC: 11-12, 23-24, 23-24, 11-12, 0mm, 1, 2, 3, 5.8mm, OF 4N - Slow Action (Make Before Break) 1NO/1NC: 15-16, 23-24, 23-24, 15-16, 0mm, 1.5, 2.5, 3.5, 5.8mm, OF 6N - Slow Action 2NC: 11-12, 21-22, 21-22, 11-12, 0mm, 2, 3, 5mm, OF 6N
GLLA**C, GLLC**C 	 Dimensions: 31 (1.22), 10 (.393), 4.3 (.169), 23.0 (.906), 8 (.314), 22 (.866), 4.2 (.165), 62 (2.44), 30.5 (1.20), 4.3 (.169), 20 (.787), 16 (.629). Wiring Diagrams: - Snap Action 1NO/1NC: 13-14, 21-22, 21-22, 13-14, 0mm, 1, 2.5, 4, 5.8mm, OF 9.8N - Slow Action (Break Before Make) 1NO/1NC: 11-12, 23-24, 23-24, 11-12, 0mm, 1, 2, 3, 5.8mm, OF 4N - Slow Action (Make Before Break) 1NO/1NC: 15-16, 23-24, 23-24, 15-16, 0mm, 1.5, 2.5, 3.5, 5.8mm, OF 6N - Slow Action 2NC: 11-12, 21-22, 21-22, 11-12, 0mm, 2, 3, 5mm, OF 6N
GLLA**D, GLLC**D 	 Dimensions: 31 (1.22), 10 (.393), 11.5 (.453), 8 (0.31), 1 (0.04), 22 (0.87), 30.5 (1.20), 20 (0.79), 16 (0.63), 62 (2.44), 8 (0.31), 11.5 (.453), 1 (0.04), 22 (0.87), 30.5 (1.20), 20 (0.79), 16 (0.63). Wiring Diagrams: - Snap Action 1NO/1NC: 13-14, 21-22, 21-22, 13-14, 0mm, 1.8, 3.5, 5.5, 8mm, OF 8N - Slow Action (Break Before Make) 1NO/1NC: 11-12, 23-24, 23-24, 11-12, 0mm, 1.5, 2.5, 4, 8mm, OF 3N - Slow Action (Make Before Break) 1NO/1NC: 15-16, 23-24, 23-24, 15-16, 0mm, 2, 3.5, 4.5, 8mm, OF 5N - Slow Action 2NC: 11-12, 21-22, 21-22, 11-12, 0mm, 2.5, 4, 6.5mm, OF 5N

Limit Switches

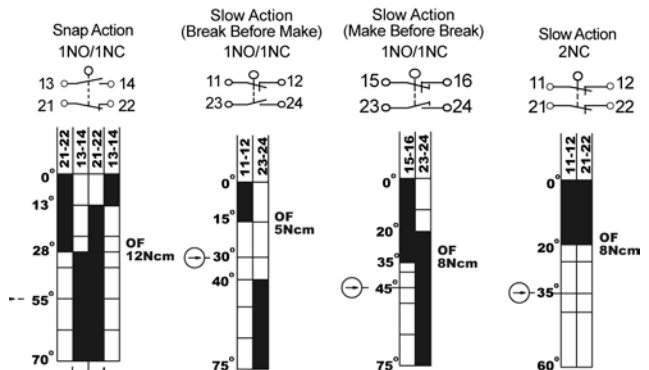
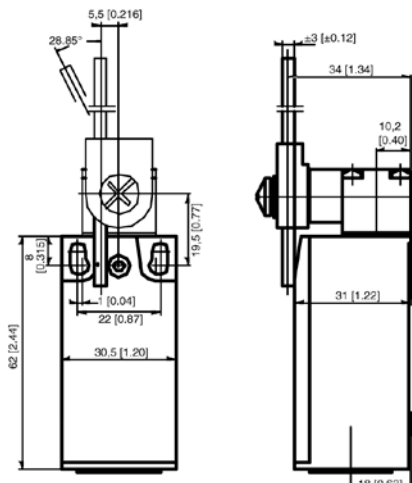
GLLAF, GLLC**F**

GLLAA1B, GLLC**A1B**

GLLAA2B, GLLC**A2B**

GLLAA1Y, GLLC**A1Y**


MICRO SWITCH™ GLL Series

GLLA**A2Y, GLLC**A2Y

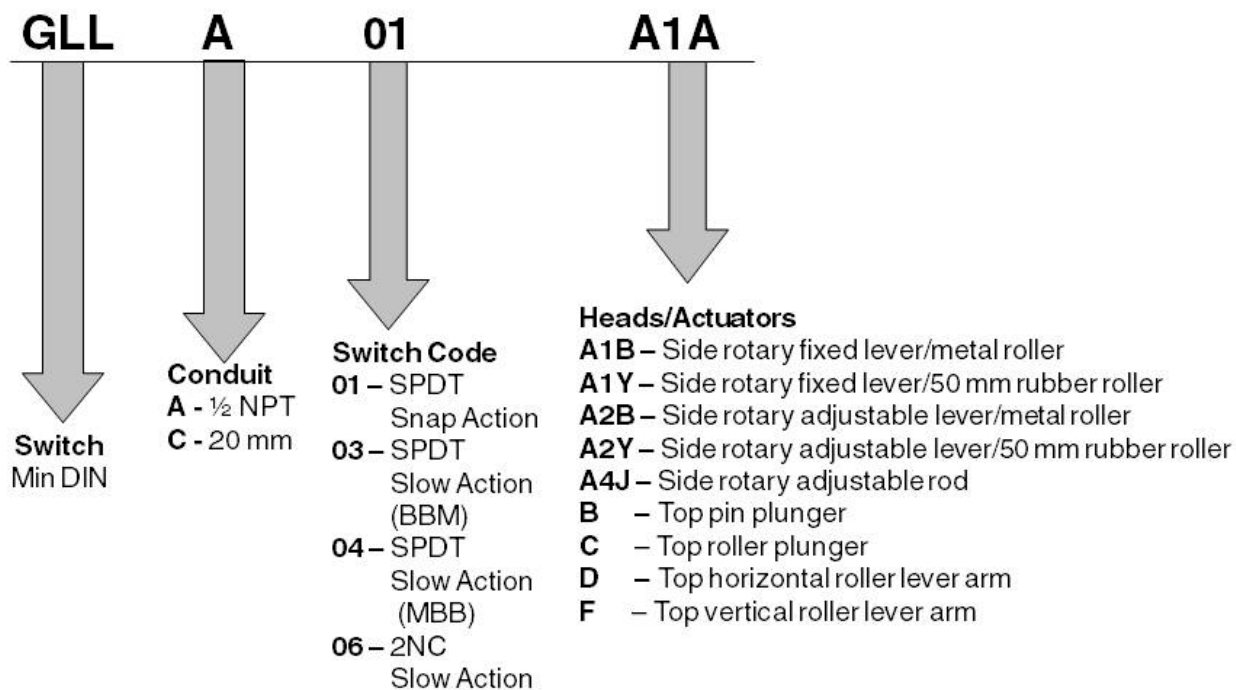


GLLA**A4J, GLLC**A4J



Limit Switches

MICRO SWITCH™ GLL MIN-DIN (EN500047) PLASTIC



WARNING

PERSONAL INJURY

DO NOT USE these products as safety or emergency stop devices or in any other application where failure of the product could result in personal injury.

Failure to comply with these instructions could result in death or serious injury.

WARRANTY/REMEDY

Honeywell warrants goods of its manufacture as being free of defective materials and faulty workmanship. Honeywell's standard product warranty applies unless agreed to otherwise by Honeywell in writing; please refer to your order acknowledgement or consult your local sales office for specific warranty details. If warranted goods are returned to Honeywell during the period of coverage, Honeywell will repair or replace, at its option, without charge those items it finds defective. **The foregoing is buyer's sole remedy and is in lieu of all other warranties, expressed or implied, including those of merchantability and fitness for a particular purpose. In no event shall Honeywell be liable for consequential, special, or indirect damages.**

While we provide application assistance personally, through our literature and the Honeywell web site, it is up to the customer to determine the suitability of the product in the application.

WARNING

MISUSE OF DOCUMENTATION

- The information presented in this product sheet is for reference only. Do not use this document as a product installation guide.
- Complete installation, operation, and maintenance information is provided in the instructions supplied with each product.

Failure to comply with these instructions could result in death or serious injury.

Specifications may change without notice. The information we supply is believed to be accurate and reliable as of this printing. However, we assume no responsibility for its use.

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Sensing and Control

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