

GLL Series Limit Switches



DESCRIPTION


Honeywell's new GLL Series limit switch is the newest addition to the OEM set of miniature limit switches. It combines and enhances the existing GLS, SZL-VL, and EVN switches into one common family, competitively priced for OEM applications.

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

The 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.


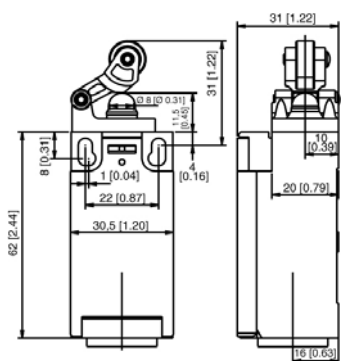

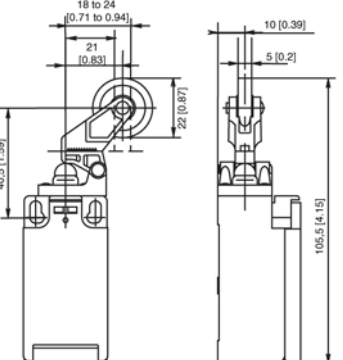

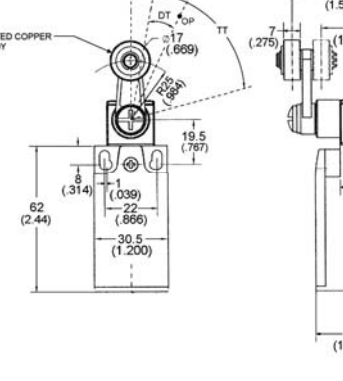

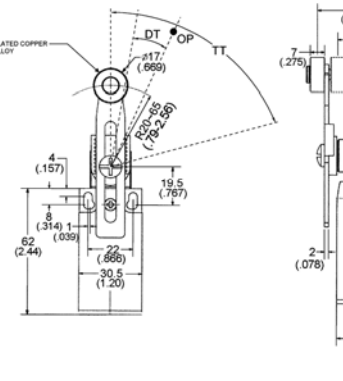
FEATURES

- Double break, direct-opening snap action contacts conform to IEC 60947-5-1-3 
- EN500047 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 IP65, NEMA 1, 12, 13
- c-UL-US, CE, CCC
- rOhs compliant


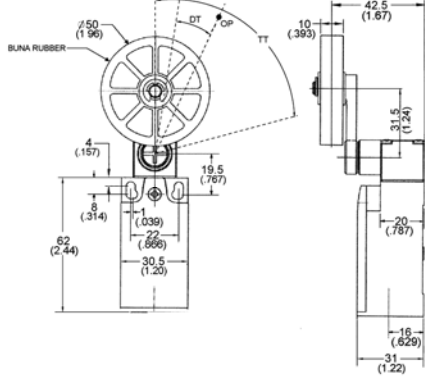

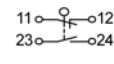
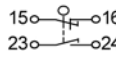
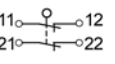
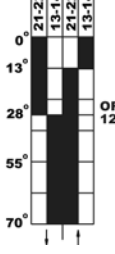
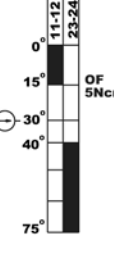
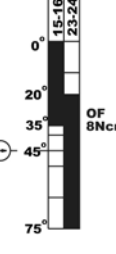
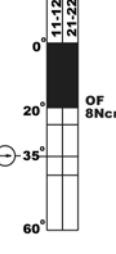

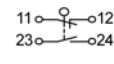
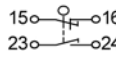
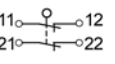
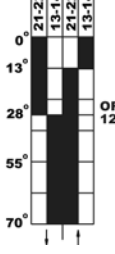
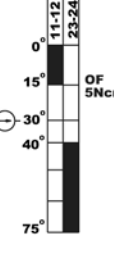
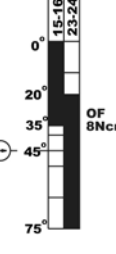
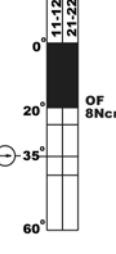

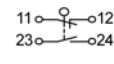
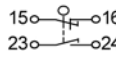
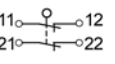
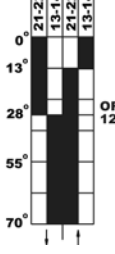
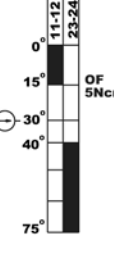
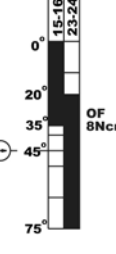
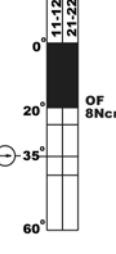

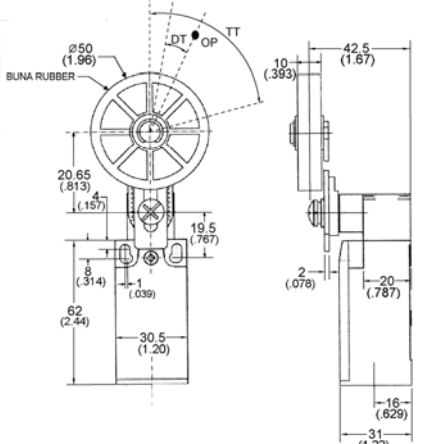

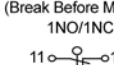
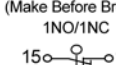
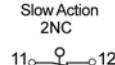
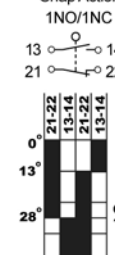
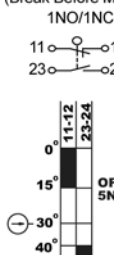
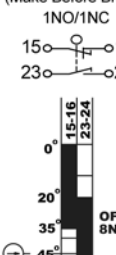
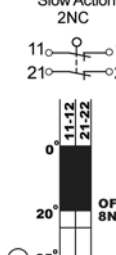

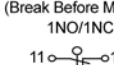
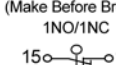
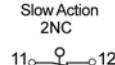
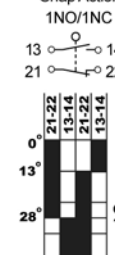
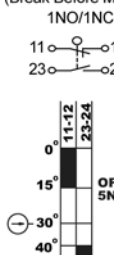
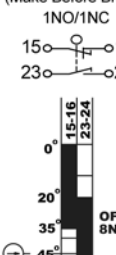
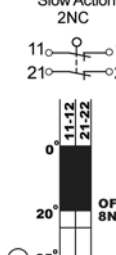

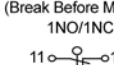
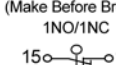
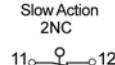
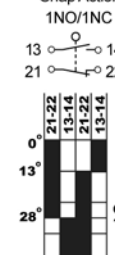
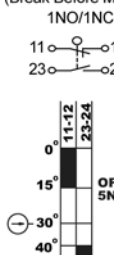
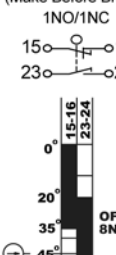
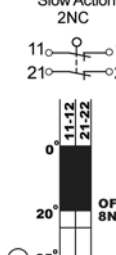

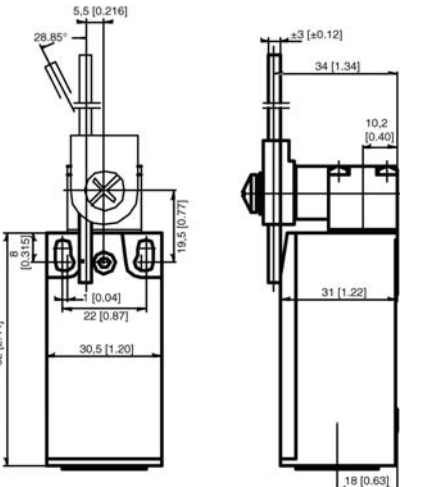

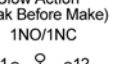
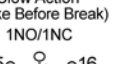
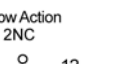
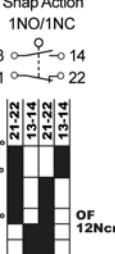
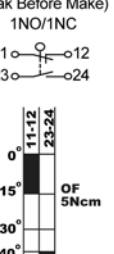
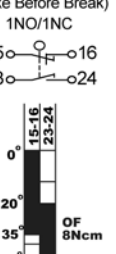
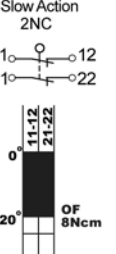

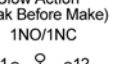
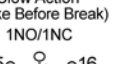
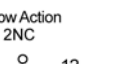
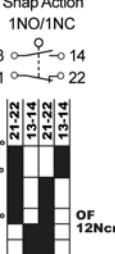
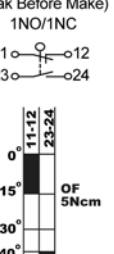
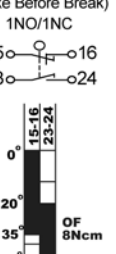
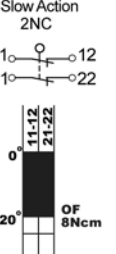

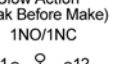
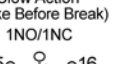
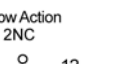
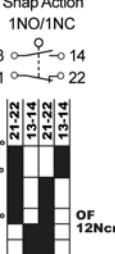
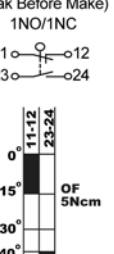
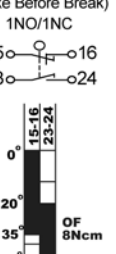
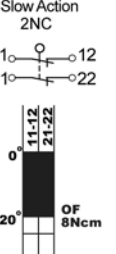
POTENTIAL APPLICATIONS

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

Limit Switches

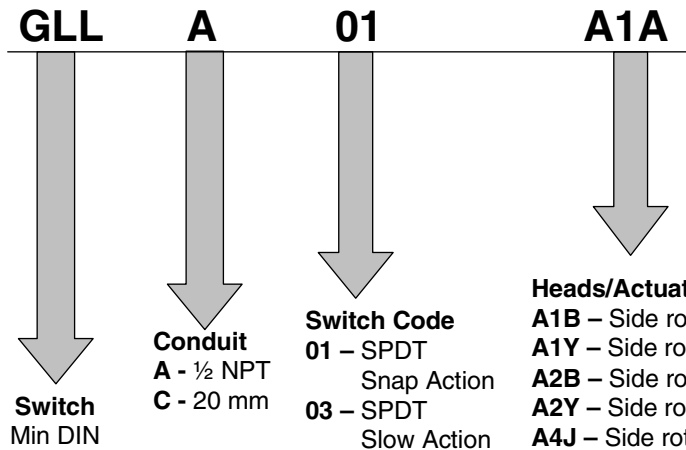
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GLL Series

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Limit Switches

GLL MIN-DIN (EN500047) PLASTIC



Switch
Min DIN

Conduit
A - ½ NPT
C - 20 mm


Switch Code
01 – SPDT
Snap Action
03 – SPDT
Slow Action
(BBM)
04 – SPDT
Slow Action
(MBB)
06 – 2NC
Slow Action

Heads/Actuators

A1B – Side rotary roller nylon lever/metal roller
A1Y – Side rotary roller nylon lever/50mm rubber roller
A2B – Side rotary adjustable lever/metal roller
A2Y – Side rotary adjustable lever/50mm rubber roller
A4J – Side rotary adjustable rod
B – Top pin plunger
C – Top roller plunger
D – Top horizontal roller lever arm
F – Top vertical roller lever arm

WARNING

IF USED IN APPLICATIONS CONCERNING HUMAN SAFETY

- Only use NC direct opening (“positive opening”/“positive break”) contacts, identified by the symbol .
- Do NOT use flexible/adjustable actuators. Only use actuators designed for safety applications.
- Do NOT defeat, tamper, remove, or bypass this switch.
- Hazardous voltage, disconnect power before servicing.
- Strictly adhere to all installation and maintenance instructions.
- Consult with local safety agencies and their requirements when designing a machine-control link, interface and all control elements that affect safety.

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.

SALES AND SERVICE

Honeywell serves its customers through a worldwide network of sales offices, representatives and distributors. For application assistance, current specifications, pricing or name of the nearest Authorized Distributor, contact your local sales office or:

E-mail: info.sc@honeywell.com

Internet: www.honeywell.com/sensing

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