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GLLA03B



Actual product appearance may vary.

Global Limit Switches Series GLL: Top Plunger, 1NO 1NC Direct Opening Slow Action Break -Before -Make (B.B.M.), 1/2 in conduit

Features

Double break, directopening snap action contacts conform to IEC 609475-1-3  
c-UL-US, CE, CCC approvals  
Snap action and slow action circuitry  
EN50047 mounting  
20 mm and 1/2 in NPT conduit openings  
Galvanically isolated contacts  
Double insulated plastic housing  
Contact block integral to switch housing  
Hinge cover for easy wiring access  
Sealing IP65; NEMA 1, 12, and 13

Potential Applications

Elevators  
Escalators  
Aerial/platform lifts  
Industrial doors  
Packaging equipment

Description

Honeywell's GLL limit switch is part of 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 EN50047 and makes GLL switches often ideal for mounting where space is at a premium. These products feature direct opening, normally closed contacts The GLL Series is available in a variety of actuator styles required for OEM applications. Designed to the IEC electrical standard, the GLL is suitable for worldwide use and also meets globally accepted mounting standards.

Supporting Documentation

-  [Installation Instructions](#)
-  [Instructions for reading bar charts](#)

| Product Specifications      |                                          |
|-----------------------------|------------------------------------------|
| Availability                | Global                                   |
| Operating Force (O.F.)      | 4,0 N [0.90 lb]                          |
| Pretravel (P.T.)            | 1 mm max. [0.04 in]                      |
| Overtravel (O.T.)           | 4,8 mm min. [0.19 in min.]               |
| Differential Travel (D.T.)  | 2 mm max. [0.08 in max.]                 |
| Product Type                | EN 50047 Global Limit Switch             |
| Actuator                    | Top Plunger                              |
| Lever Style                 | None                                     |
| Circuitry                   | 1NO 1NC Slow Action: BBM                 |
| 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                 |
| Housing Type                | EN 50047                                 |
| Series Name                 | GLL                                      |
| Shock                       | 50 g per IEC 68 - 2 - 27c (w/o Actuator) |
| Vibration                   | 10 g per IEC 68 - 2 - 6 (w/o Actuator)   |
| Sealing                     | IP65, NEMA 1, 12, 13                     |
| Approvals                   | c- UL - us, CE, CCC                      |
| CSA File #                  | E216958                                  |
| UL File #                   | E216958                                  |
| Mechanical Life             | 5 million operations                     |
| Operating Temperature Range | - 10 °C to 80 °C [14 °F to 176 °F]       |
| Comment                     | Top plunger; 12,7 mm [0.5 in] conduit    |
| UNSPSC Code                 | 302119                                   |
| UNSPSC Commodity            | 302119 Switches and controls and relays  |
| Sealed                      | Industrial                               |
| Operating Position (O.P.)   | 19,5 mm; 0.5 mm [0.77 in; 0.02 in]       |

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