



Home > Products > MICRO SWITCH™ Global Limit Sw itches > GLS DIN > Product Page

### GLAC01D



Actual product appearance may vary.

**Global Limit Switches Series GLS: Top Roller Arm, 1NC 1NO SPDT Snap Action, 20 mm**

#### Order Product and Get Support

- U.S. Authorized Distributors
- Global Sales & Service
- N. American Sales Reps
- Distributor Inventory
- Technical Assistance
- White Papers
- Literature Request
- Test and Measurement Catalog
- RoHS Product List
- Customer Feedback

#### Features

Designed to IEC standard for world-wide applications  
 UL, CSA, and CE  
 International conduit sizes  
 Direct PLC interface compatible (two circuit)  
 Modular construction reduces maintenance parts costs  
 Designed for ease of installation  
 Variety of basic switch versions  
 Wide choice of actuators

#### Potential Applications

Machine tools: metal fabrication equipment, presses, transfer lines and special machinery  
 Material handling equipment: conveyors, elevators, cranes, and hoists  
 Packaging machinery and process equipment  
 Textile machinery  
 Construction machinery and equipment, vehicles and lift trucks

#### Description

The GLS series limit switches are specifically designed for world-wide applications and are supported by Honeywell global resources for sale and after sale service.

#### Supporting Documentation

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

| Product Specifications         |   |
|--------------------------------|---|
| Availability                   | Global                                  |
| Operating Force (O.F.)         | 9,5 N [2.10 lb]                         |
| Pretravel (P.T.)               | 4,2 mm [0.165 in]                       |
| Overtravel (O.T.)              | 9,0 mm [0.35 in]                        |
| Differential Travel (D.T.)     | 1,7 mm [0.067 in]                       |
| Product Type                   | EN50041/47 Global Limit Switch          |
| Actuator                       | Top Roller Arm                          |
| Lever Style                    | None                                    |
| Circuitry                      | 1NC 1NO SPDT Snap Action                |
| Ampere Rating                  | 10 A (Thermal)                          |
| Supply Voltage                 | 600 Vac and 250 Vdc max.                |
| Housing Material               | Zinc Die-Cast                           |
| Termination Type               | 20 mm                                   |
| Housing Type                   | EN 50041                                |
| Series Name                    | GLS DIN                                 |
| Shock                          | 50 g per IEC 68-2-27c (w/o Actuator)    |
| Vibration                      | 10 g per IEC 68-2-6 (w/o Actuator)      |
| Sealing                        | NEMA 1, 4, 12, 13 IP67                  |
| Approvals                      | UL, CSA, CE                             |
| CSA File #                     | LR94369-3                               |
| UL File #                      | E37138 & E157416                        |
| Mechanical Life                | 15 million                              |
| Operating Temperature Range    | -25 °C to 85 °C [-13 °F to 185 °F]      |
| Agency Approvals and Standards | IEC 947-5-1, EN60947-5-1, UL508         |
| UNSPSC Code                    | 302119                                  |
| UNSPSC Commodity               | 302119 Switches and controls and relays |
| Sealed                         | Industrial                              |
| Operating Position (O.P.)      | 61,0 mm [2.40 in]                       |

#### My Links

[Login to iCOM](#)  
[Login as Rep/AD](#)  
[Login as Guest](#)  
[Login to Digital University](#)

#### Keyword Search

Search for product and support information.

All Sensing and Control

#### Product Search

Part number search:

Use (\*) to expand search

#### Specification Search