

# MICRO SWITCH LIMIT SWITCH GLOBAL COMPARISON

Meet IEC standards for global acceptance. These durable and reliable switches are suitable for many industrial applications. The rugged, well-sealed construction is well suited for both indoor and outdoor applications.

	EN50047	EN50041	EN50047 METAL HOUSING	EN50047 PLASTIC HOUSING	EN50047 COMPATIBLE
					
SERIES	GLL (Min-Din)	GLA (Din)	GLC (Min-Din)	GLD (Min-Din)	GLE (Min-Din)
Certifications	CE, CCC, cULus, CSA	CE, UKCA, CCC, CSA, UL; IEC/EN 60947-5-1	CE, UKCA, CCC, CSA, UL; IEC/EN 60947-5-1	CE, UKCA, CCC, CSA, UL; IEC/EN 60947-5-1	CE, UKCA, CCC, CSA, UL; IEC/EN 60947-5-1
Mounting, centers or bushing diameter (mm)	22 × 56	30 × 60	20 to 22	20 to 22	20 to 22 and 40 to 42
Body dimensions (l × w [depth] × h (mm))	30,5 × 31 × 62	42 × 42 × 82	30,5 × 31,1 × 68,0	30,5 × 32, 6 × 66,5	65,0 × 31,1 × 68,3
Sealing	IP66; NEMA 1, 12, 13	IP67, NEMA 1, 4, 12, 13	IP66, NEMA 1, 4, 12, 13	IP66/67, NEMA 1, 4X (indoor use only), 12, 13	IP66, NEMA 1, 4, 12, 13
Operating temperature	-10°C to 80°C	-25°C to 85°C; side rotary: -40°C to 85°C	-40°C to 85°C	-40°C to 85°C	-40°C to 85°C
Electrical	AC15, A600; DC13, Q300: 10 A Thermal	AC15, A600; DC13, Q300: 10 A Thermal	AC15, A300; DC13, Q300: 10 A Thermal	AC15, A300; DC13, Q300: 10 A Thermal	AC15, A300; DC13, Q300: 10 A Thermal
Positive opening NC contacts	Yes	Yes	Yes	Yes	Yes
Electrical connection*	Threaded conduit: 0.5-14 NPT, 20 mm	Threaded conduit, pre-cabled, or connector	Threaded conduit, pre-cabled, or connector	Threaded conduit, pre-cabled, or connector	Threaded conduit, pre-cabled, or connector




**GLOBAL DESIGN**

Meets EN 50041 or EN50047 mounting standards and EN/IEC electrical standards for world-wide use



**CONFIGURABLE**

The **modular construction** offers a wide variety of heads/actuators, bodies, and circuitry which allows for **rapid customization** and delivery



**ROBUST**

**-40 °C [-40 °F] standard construction** for side rotary and plunger actuated switches suitable for many severe outdoor environments

The GLS Global limit switch is designed to meet IEC standards and conform to EN50041 (Din) & EN50047 (Min-Din) mounting. Featuring **positive opening NC contacts** which ensures a reliable and specified disconnection of the main contacts, contributing to the safety and effectiveness of the switching device

Designed on a **configuration platform**, the modular construction offers a wide variety of options which allows for rapid customization and delivery and allows end users to order the best solution for their application.

The extensive product range is available in **three different housing types**: metal housing, plastic housing, or a three-conduit metal housing. These durable, well-sealed housings meet IP and NEMA ratings.

## APPLICATIONS



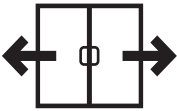
**Assembly Lines & Machine Control**  
Position sending and counting



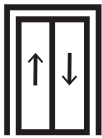
**Aerial Lifts & Booms**  
Position sensing of boom and stabilizing equipment



**Agriculture Equipment**  
Monitors the position of moving parts



**Train Car**  
Senses the door and brake



**Elevators & Escalators**  
Position and floor sensing

## SUPPORTING DOCUMENTATION

Click the document title or icon to view the material.



MICRO SWITCH Limit Switch Comparison



Industrial Applications Brochure



White Paper: Why Limit Switches



White Paper: Impacts of Shock and Vibration on a Limit Switch



Ebook: High Performing Solutions for Rugged Environments



Ebook: Factory Automation



MICRO SWITCH Limits: Keeping Trains on Track



Fundamentals of Limit Switches with Positive Opening Contacts



Limits and Machine Safety Product Range Guide

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