





# MICRO SWITCH LIMIT SWITCH MEDIUM-DUTY COMPARISON

Offer a cost-effective solution that may be used in a wide range of applications requiring a rugged housing limit switch. These products have a long history of successful performance in demanding applications.

	Miniature		Full-Size	
				
SERIES	SZL-VL-S	NGC	COMPACT LS	SZL-WL
Certifications	CCC, CE, UKCA, cULus	CE, UKCA, CCC, cULus	US: select listings CSA & UL; EU: CE, UKCA	CE, UKCA, CSA, UL
Mounting, centers or bushing diameter (mm)	21 x 56	20 or Ø 12 bushing	30 x 60	30 x 59
Body dimensions (l x w [depth] x h (mm))	28 x 25 x 78 (including cable gland)	30,2 x 16,7 x 55,8	40 x 40 x 70	40 x 41,5 x 68,7
Sealing	IP67	IP67, NEMA 1,4, 12, 13	US: NEMA 1, 3, 4, 6 and 13; EU: IP67, NEMA 1, 4 and 13	IP67
Operating temperature	-20°C to 70°C	-25°C to 75°C	-30°C to 70°C; optional -30°C to 120°C	-10°C to 80°C
Electrical	AC-15 A300; DC-13 Q300 10 A thermal	AC15, A300; DC13, Q300: one pole 10 A Thermal; two pole 5 A Thermal	US: 10 A, 480 Vac; EU: AC15, A300: DC13, P300	10 A, 300 Vac; 6 A 24 Vdc
Positive opening NC contacts	Side rotary only	Yes	No	No
Electrical connection*	Cable gland	Pre-cabled or M12 connector	Threaded conduit	Threaded conduit



## VERSATILE

The modular construction and wide variety of actuators and circuitry options offer design flexibility to the end user.



## COST-EFFECTIVE

Provides a single source for multiple product configurations, helping to minimize sourcing expense and simplifying the supply chain.



## RUGGED

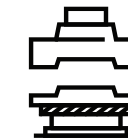
The die cast housing and epoxy coat paint offers a durable package required in Industrial applications.

The medium duty limit switches are a **cost-effective**, feature rich offering, designed to perform in a wide variety of Industrial applications.

Each medium duty limit switch offers a wide range of configurable options including our **rugged**, die cast housings with epoxy power coat finish for demanding applications.

This product group also offers several circuitry options, including a two circuit double break feature in the LS Compact switch. This feature allows the end user the ability to **control two circuits in one switch!**

## APPLICATIONS



### Machine Tools

Part presence, machine slide/table position, fixture and tooling position



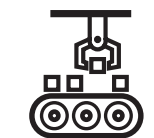
### Material Handling

Sensing overhead door position, door interlock



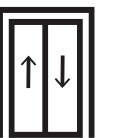
### Agriculture Equipment

Monitors the position of moving parts



### Conveyors & Assembly Lines

Counting and position sensing












### Elevators & Escalators

Position sensing, floor position indication

## 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
-  Switching Solutions for Irrigation Applications
-  Miniature Switches for Transportation and Industrial Applications
-  Limits and Machine Safety Product Range Guide

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002431-1-EN | 1 | 03/24  
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