



SZL-VL-H

General Purpose Limit Switch, VL Series; Roller Plunger ; 1NC 1NO SPDT; Double Break



Actual product appearance may vary.

Features

- Gold plated silver contacts
- Compact design for small mounting space
- Special design for easy wiring with ample wiring space
- Two-circuit double-break
- Diecast base and plastic cover
- Standard mounting dimensions
- Long mechanical life
- 5 Amp current capacity
- Ambient Temp Range: -20 °C to 60 °C [-4 °F to 140°F]
- UL, C-UL, CE approved

Potential Applications

- Machine Tools
- Material Handling
- Food processing machinery
- Conveyors
- Packaging machinery

Description

The new economical SZL-VL Series miniature type limit switches are specially designed for applications of small mounting space. These miniature switches are ideal for OEM machinery which requires a rugged and reliable limit switch that is capable of being mounted in space restricted applications. A wide range of actuators add additional flexibility. A special pre-molded flexible cable gland allows for fast and simple wiring termination.

Product Specifications	
Availability	North-America; Asia-Pacific
Operating Force (O.F.)	8,83 N max. [2 lbs max.]
Release Force (R.F.)	1,47 N min. [0.33 lbs min.]
Pretravel (P.T.)	1,5 mm max. [0.060 in max.]
Overtravel (O.T.)	4,0 mm min. [0.158 in min.]
Differential Travel (D.T.)	0,7 mm max. [0.028 in. max.]
Product Type	Miniature Limit Switches
Actuator	Roller Plunger

Lever Style	None
Circuitry	1NC 1NO SPDT; Double Break
Ampere Rating	5.0 A / 0.4 A
Supply Voltage	250 Vac max. / 125 Vdc max.
Housing Material	Zinc Die-Cast / Plastic
Termination Type	Cable Gland
Series Name	SZL-VL
Shock	10 g max.
Vibration	55 Hz at double amplitude of 1.5 mm
Sealing	IP64
Approvals	UL, C-UL, CE
UL File #	E150950
Mechanical Life	up to 10 million operations
Operating Temperature Range	-20 °C to 60 °C [-4 °F to 140 °F]
Sealed	Industrial

mm
in

12.5 dia.x3.8
stainless steel roller

PT 1.5 max

2-4.1^{+0.2}₀ dia.
mounting holes

.161^{+0.008}₀ dia.
mounting holes

M3x6
cover screw

2-M3x23
cover screw

