



1LS2



Actual product appearance may vary.

Enclosed Switches Series LS: Side Rotary - Lever Not Included; 1NC 1NO SPDT Snap Action, Double Break; 0.5 in - 14NPT conduit; Compact/Non-Plug-in

Features

- Mode of operation is field adjustable
- NEMA 1, 3, 4, 6, and 13
- Wide choice of heads and actuators
- Variety of operating characteristics
- Captive screws
- UL and CSA approved parts available

Potential Applications

- Machine tools
- Conveyors
- Material handling
- Metal fabrication equipment
- Lift trucks


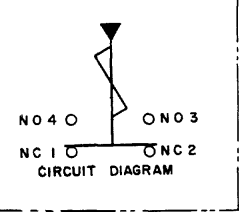
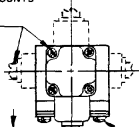
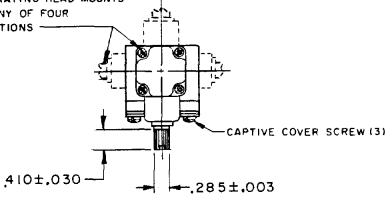
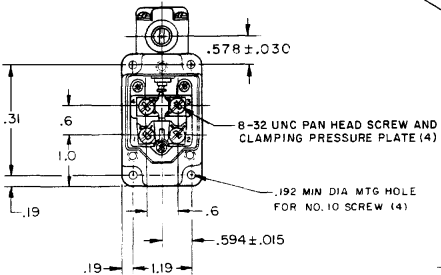
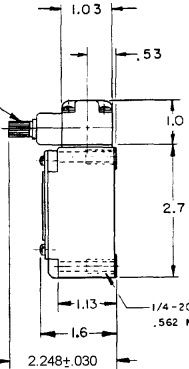
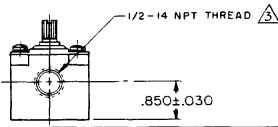
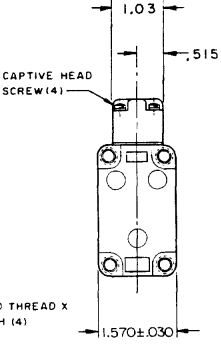
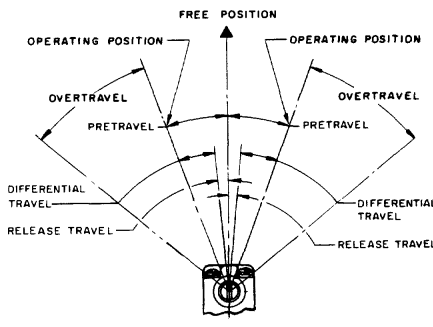
Description

MICRO SWITCH™ compact LS and plug-in 200LS limit switches have a long record of successful performance in industrial applications. The MICRO SWITCH™ LS fits in many places too small for any other fully adjustable limit switch. The MICRO SWITCH™ 200LS switches are the original plug-in concept for reducing downtime by making changeover simple and fast.

Product Specifications	
Availability	Global
Operating Force (O.F.)	0.51 N m max. [4.5 in lb max.]
Full Overtravel Force	8.13 N m max. [6 in lb max.]
Release Force (R.F.)	0.08 N m min. [0.75 in lb min.]
Pretravel (P.T.)	20° max.
Overtravel (O.T.)	30° min.
Differential Travel (D.T.)	12° max.
Product Type	MICRO SWITCH™ Compact Limit Switches
Actuator	Side Rotary
Lever Style	Lever Not Included - Reference Lever Required Accessory

Circuitry	1NC 1NO SPDT Snap Action, Double-Break
Ampere Rating	10 A Ind./0.8 A Res./0.4 Res./0.1 A Res.
Supply Voltage	120 Vac. 240 Vac. 480 Vac/115 Vdc/230 Vdc/550 Vdc
Housing Material	Zinc Die-Cast
Termination Type	0.5 in - 14NPT conduit
Housing Type	Compact / Non Plug-In
Series Name	LS
Sealing	NEMA 1, 3, 4, 6, 13
Operating Temperature Range	-29 °C to 71 °C [-20 °F to 160 °F]
UNSPSC Code	302119
UNSPSC Commodity	302119 Switches and controls and relays
Sealed	Industrial

CATALOG LISTING
1LS2
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 ISSUE **M**
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 REVISIONS
 A CO 19200
 17 JUNE 65
 B 0283403
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 10 APR 01
 RASTER
 PO-80374-003
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 MICRO SWITCH FREEPORT, ILLINOIS, U.S.A. A DIVISION OF HONEYWELL <small>FED. MFG. CODE 91929</small>	SWITCH - ENCLOSED	CATALOG LISTING 1LS2	
OPERATING HEAD MOUNTS IN ANY OF FOUR POSITIONS 			
			
			
			
			
THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH, A DIVISION OF MINNEAPOLIS-HONEYWELL REGULATOR CO. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH.			
CHARACTERISTICS OPERATING TORQUE — 4 1/2 IN LB MAX FULL OVERTRAVEL TORQUE — 6 IN LB MAX RELEASE TORQUE — — — 3/4 IN LB MIN PRETRAVEL — — — — 20° MAX DIFFERENTIAL TRAVEL — — — 12° MAX OVERTRAVEL — — — — 30° MIN RELEASE TRAVEL — — — — 5° MIN SWITCH-BASIC REPLACEMENT — — 2 MINI	ELECTRICAL DATA CONTACT ARRANGEMENT (SEE CIRCUIT DIAGRAM) 10A - 120, 240, OR 480 VAC, 1/3 HP - 120 VAC 3/4 HP - 240 VAC; 0.8A - 115 VDC; 0.4A - 230 VDC .1A - 350 VDC PILOT DUTY: 600 VAC MAX	SCALE 1/2 TO 1 DO NOT SCALE PRINT UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES TOLERANCES ARE: ONE PLACE (.0) ±.030 TWO PLACE (.00) ±.010 THREE PLACE (.000) ±.005 ANGLES 2	NOTES 1 - SWITCH IS ASSEMBLED FOR ACTUATION IN EITHER DIRECTION BUT MAY BE ADJUSTED TO ACTUATE THE SWITCH IN THE CLOCKWISE DIRECTION ONLY. THE COUNTERCLOCKWISE DIRECTION ONLY, OR IN BOTH DIRECTIONS 2 - TO CONVERT SWITCH FOR ACTUATION IN EITHER THE CLOCKWISE OR COUNTERCLOCKWISE DIRECTION ONLY, REMOVE ACTUATOR HEAD AND ROTATE THE NOTCHED PLUNGER 90° TO THE RIGHT FOR CLOCKWISE ACTUATION OR 90° TO THE LEFT FOR COUNTERCLOCKWISE ACTUATION △ SEAL TO BE FURNISHED BY USER
WEIGHT			