

HDLS Series

TOP PLUNGERS • MICRO SWITCH™ HDLS SERIES ORDER GUIDE/RECOMMENDED LISTINGS

All top plungers are momentary action.



Description	Plain (LSC)		Roller (LSD)		Adjustable (LSV)	
	SPDT	DPDT	SPDT	DPDT	SPDT	DPDT
Top plain plunger for in-line operating motion						
Roller plunger can be rotated at 90° increments						
Adjustable top plain plunger						
	<p>Contact closed ■ Contact open □</p>					
Pretravel	1,78 mm [0.07 in]					
Different. travel	0,38 mm [0.015 in]	0,51 mm [0.02 in]	0,38 mm [0.015 in]	0,51 mm [0.02 in]	0,38 mm [0.015 in]	0,51 mm [0.02 in]
Overtravel	4,83 mm [0.19 in]					
Operating point (nom.)	45,8 mm [1.805 in]		55,9 mm [2.20 in]		53 mm to 59 mm [2.08 in to 2.34 in]	
Operating force	17,8 N [4 lb] max.					
Op. temp range ³	-12 °C to 93 °C [10 °F to 200 °F] (for low temp, high temp, or preloaded versions, see page 11-12)					

Circuitry	Contacts	Body Style ²	Conduit (NPT)	Options			
	Silver	Plug-in	0.5 in		LSC1A	LSD1A	LSV1A
	Gold ⁴	Plug-in	0.5 in		LSC1E	LSD1E	LSV1E
	Silver	Plug-in	0.5 in	120 V Ind. lite ¹	LSC5A	LSD5A	LSV5A
	Silver	Plug-in	0.5 in	240 V Ind. lite ¹	LSC8A	LSD8A	LSV8A
	Silver	Plug-in	0.75 in		LSC2B	LSD2B	LSV2B
	Silver	Plug-in	0.5 in		LSC2R	LSD2R	LSV2R
	Silver	Plug-in	0.75 in	120 V Ind. lite ¹	LSC6B	LSD6B	LSV6B
	Silver	Non-plug-in	0.75 in		LSC4L	LSD4L	LSV4L
	Silver	Non-plug-in	0.5 in		LSC7L	LSD7L	LSV7L

¹ Use at voltage indicated for light. Wired to NO circuit. Upper temperature limit for lighted units is 93 °C [200 °F]

² Plug-in listings include base receptacle

³ Completely fluorocarbon sealed switches are preferred for use in temperatures above 93 °C [200 °F]

⁴ Gold-plated contacts

NOTE: Same polarity each pole.

To order a fluorocarbon sealed switch, insert the letters **Y** and **C** into the catalog listing as follows. The LSA1A limit switch is changed to a LSY**AC**1A limit switch.

To order a low temperature, fluorosilicone sealed switch, insert the letters **Y** and **B** into the catalog listing as follows. The LSA1A limit switch is changed to a LSY**AB**1A limit switch.