

Compact Limit Switches

ROTARY ACTUATED SWITCHES — WITHOUT LEVERS

The following compact LS and plug-in 200LS limit switches are sold without actuating levers. Levers are ordered separately from the order guide below and on the facing page.

Plug-in*



Compact



ORDER GUIDE

Momentary action, except where noted.

Description	Electrical Rating Page A70	Catalog Compact	Listing Plug-in	O.Tq. max.	P.T. max.	O.T. min.	D.T. max.
Standard 20" pretravel	A	1LS2	201LS2*	0,51 Nm 4.5 in. lb.	20°	30°	12°
UL/CSA	F	1LS2-L	—	0,51 Nm 4.5 in. lb.	20°	30°	12°
Low pretravel 5°	B	1LS9	201LS9*	0,51 Nm 4.5 in. lb.	5°	30°	4°
Standard pretravel 20° Low operating force	A	1LS23	201LS23*	0,21 Nm 30 in. oz.	20°	30°	12°
Low pretravel 5° Low operating force	B	1LS56	201LS56*	0,11 Nm 15 in. oz.	5°	30°	4°
Maintained ¹ Contact	A	6LS2	206LS2*	0,34 Nm 3 in. lb.	55°	35°	20°
UL/CSA	F	6LS2-L	—	0,34 Nm 3 in. lb.	55°	35°	20°

* Require Terminal Block (18PA1 for 200LS Switches).
Note 1 — Yoke lever actuators normally used.

Characteristics:
O.Tq. — Operating Torque; P.T. — Pretravel; O.T. — Overtravel; D.T. — Differential Travel

Limit/Enclosed

AUXILIARY ROTARY LEVERS

ORDER GUIDE

	Type	Catalog Listing
	Roller arm, with nylon, steel, or ball bearing roller.	Nylon 6PA71
		Steel 6PA121
		Ball bearing 6PA144
	Yoke roller lever with nylon or steel rollers. Rollers on same side.	Steel 6PA80
		Steel 6PA82
		Nylon 6PA102

60mm radius levers Part # PA-J11

Compact Limit Switches

FEATURES

- Mode of operation is field adjustable.
- NEMA 1, 3, 4, 6 and 13.
- Wide choice of heads and actuators.
- Variety of operating characteristics.
- Optional indicator light.
- Captive screws.
- UL Recognized, file #E12252
- CSA Certified, file #LR57325

FIELD ADJUSTABLE

Rotary motion roller lever and rod actuators are adjustable through 360°. They may be set for operation clockwise, counter-clockwise, or in both directions.

Operating heads may be positioned in any of four 90° positions.

UL/CSA LS SWITCHES

Several UL recognized and CSA certified LS compact limit switches are in the order guides.

Other listings can be furnished in the UL version. Contact the 800 number for information.

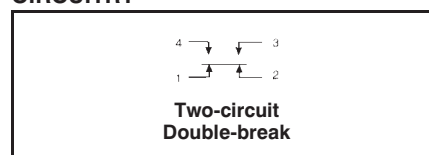
For rapid response – off the shelf service, all **bold face** listings are normally stocked items.

Compact LS and plug-in 200LS limit switches have a long record of successful performance in industrial applications.

The LS fits in many places too small for any other fully adjustable limit switch.

The 200LS switches are the original plug-in concept for reducing downtime by making changeover simple and fast.

CIRCUITRY



ELECTRICAL RATINGS

A	10 amps, 120, 240 or 480 VAC; 1/3 hp, 120 VAC; 3/4 hp, 240 VAC; 0.8 amp, 115 VDC**; 0.4 amp, 230 VDC**; 0.1 amp, 550 VDC**; Pilot Duty, 600 VAC max.	APPLICATION NOTE: Silver Cadmium Oxide Contacts – Designed for use with inductive loads such as relays, contactors, motors and solenoids. Honeywell does <i>not</i> recommend the use of silver cadmium oxide switch contacts in non-arcing loads. Non-arcing loads are generally loads less than 12 volts and/or 0.5 amp.
B	10 amps, 120, 240 or 480 VAC; 1/4 hp, 120 VAC; 1/2 hp, 240 VAC. Pilot Duty, 600 VAC max.	
C	10 amps, 120 VAC; 1/3 hp, 120 VAC.	
D	10 amps, 120, 240, 480 VAC; 1/4 hp, 120 VAC; 1/2 hp, 240 VAC; 0.8 amp, 115 VDC**; 0.4 amp, 230 VDC**; 0.1 amp, 550 VDC**; Pilot Duty, 600 VAC max.	
E	10 amps, 120, 240 or 480 VAC; 1/3 hp, 120 VAC; 3/4 hp, 240 VAC. Pilot Duty, 600 VAC max.	Fine Silver Contacts
F	UL Rating: 10 amps, 125, 250, or 480 VAC; 1/3 hp, 125 VAC; 3/4 hp, 250 VAC; 0.8 amp, 125 VDC**; 0.4 amp, 250 VDC**	
G	UL Rating: 10 amps, 125, 250 or 480 VAC; 1/4 hp, 125 VAC; 1/2 hp, 250 VAC; 0.8 amp, 125 VDC**; 0.4 amp, 250 VDC**	

** Resistive Rating

NOTE: The terminals of two-circuit double-break switches must be wired to equal voltage sources and the same polarity. The loads should be on the same side of the line.

ROLLER LEVER ROTARY ACTUATED SWITCHES

(To order switches and levers separately, refer to pages A73 and A74 or A37 and A38.)

ORDER GUIDE

Momentary action. Steel rollers.



Compact



Plug-in*

Description	Rating	Catalog Listing Compact	Catalog Listing Plug-in	O.F. max.	P.T. max.	O.T. min.	D.T. max.
Standard	A	1LS1	201LS1*	13,3 N 3 lb.	20°	30°	12°
20° Pretravel UL/CSA	F	1LS1-L	—	13,3 N 3 lb.	20°	30°	12°
Low Pretravel 5°	B	1LS19	201LS19*	13,3 N 3 lb.	5°	30°	4°
Low Operating Force 5° Pretravel	B	1LS131	—	5,0 N 18 oz.	5°	30°	4°
Standard with indicator light 120 VAC only	C	1LS501	201LS501*	13,3 N 3 lb.	20°	30°	12°
Low Operating Force	A	1LS6	201LS6*	5,0 N 18 oz.	20°	30°	12°
Cavity Mount version of 1LS1	A	7LS1	—	13,3 N 3 lb.	20°	30°	12°

*Require Terminal Block (**18PA1** for 200LS switches) which must be ordered separately. Unless damaged, it is not necessary to replace terminal block when replacing switch.

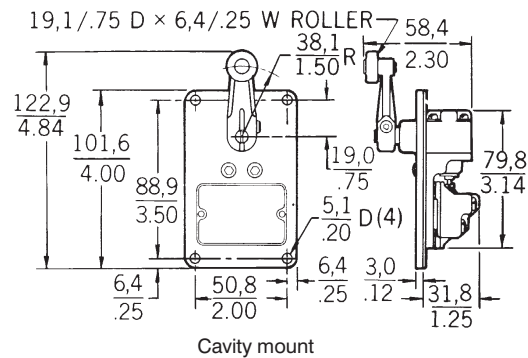
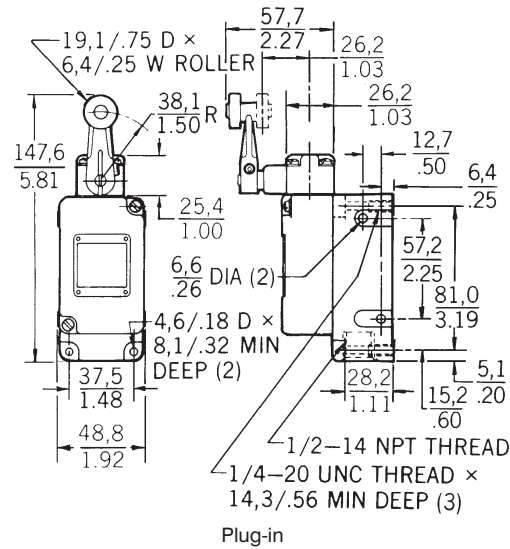
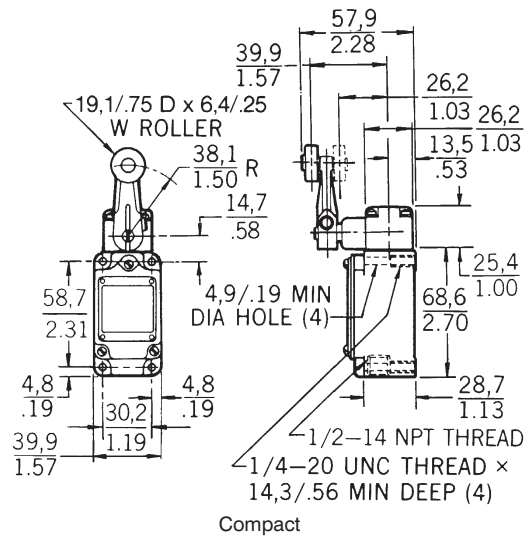
Characteristics: O.F. — Operating Force; P.T. — Pretravel; O.T. — Overtravel; D.T. — Differential Travel.

Limit and Enclosed Switches

LS/200LS Series

Mounting Dimensions (For reference only)

ROLLER LEVER



SWITCH WITHOUT LEVER

