

MICRO SWITCH™ Heavy-Duty Limit Switches



Low Temperature HDLS

Stock No.	Mfr.'s Type	Actuator Head Style	Conduit Size	Contact Form	EACH		
					1-14	15-24	25-49
70118654	LSYPB1A	Side Rotary Low Differential Plug-In	1/2"	SPDT	162.62	155.12	148.32
70118776	LSYAB3K	Side Rotary Standard Non Plug-In	1/2"	SPDT	135.66	128.92	122.80
70118845	LSYMB6D	Center Neutral Plug-In	1/2"	DPDT	167.63	158.48	149.43
70118862	LSYWB1A	Adjustable Side Plunger Plug-In	1/2"	SPDT	164.91	157.32	150.44
70118863	LSYAB6B	Side Rotary Standard Plug-In	1/2"	DPDT	175.66	165.12	161.61
70118864	LSYUB1A	Side Rotary Low Pretravel Plug-In	1/2"	SPDT	162.00	—	—
70118861	LSYAB1A	Side Rotary Standard Plug-In	1/2"	SPDT	136.98	128.77	126.03
70119024	LSYKB1A-8C	Wobble Coil Spring Plug-In	1/2"	SPDT	153.62	147.28	141.32
70119043	LSYAB7L	Side Rotary Standard Non Plug-In	1/2"	DPDT	160.43	150.81	147.60

Wobble Actuated HDLS

Stock No.	Mfr.'s Type	Actuator Head Style	Conduit Size	Contact Form	EACH		
					1-14	15-24	25-49
70119027	LSJ1A-7A	Wobble Delrin Rod Standard Plug-In	1/2"	SPDT	142.34	133.80	130.95
70119028	LSJ1A-7M	Wobble Spring Wire Plug-In	1/2"	SPDT	158.35	150.30	143.05
70119029	LSJ1A-7N	Wobble Cable Actuator Plug-In	1/2"	DPDT	145.85	137.09	134.19
70119030	LSK1A-8C	Wobble Coil Spring Plug-In	1/2"	DPDT	152.66	149.04	143.33
70119031	LSK6B-8C	Wobble Coil Spring Plug-In	1/2"	SPDT	164.09	—	—

High Temperature/Chemical Resistant HDLS



Stock No.	Mfr.'s Type	Description	Contact Form	EACH
70118680	LSYAC3KP-FP	Side Rotary, Non-Plug-In, Fully Potted	SPDT	192.66
70118681	LSYCC3KP-FP	Top Plunger, Non-Plug-In, Fully Potted	SPDT	236.10
70120321	LSYAC5KP-FP	Side Rotary, Non-Plug-In, Fully Potted	SPDT	223.36

Modification and Replacement Switch Parts — HDLS Series

Stock No.	Mfr.'s Type	Description	EACH			
			1-9	10-24	25-49	50+
70119361	LSZ4005	Adjusting Tool Kit	46.99	45.76	44.41	43.14
70119048	LSZ54	Lever; Rod; Hub Only; Stainless Steel	16.64	15.80	15.02	14.23
70120059	LSZ7A1A	LSA1A, Less Base Receptacle	113.12	106.84	99.61	93.79
70119358	LSZ1JGN	Operating Head and Actuator for LSJ Series	94.62	90.03	85.90	82.21
70119362	LSZ4006	Plug-In Base Receptacle, 1/2" Conduit Opening	27.06	25.83	24.74	23.76
70120044	LSZ4001	Replacement Base Receptacle, SPDT Plug-In	21.32	20.26	19.28	17.99
70119363	LSZ4009	Replacement Delrin Actuator (Wobble)	21.05	19.42	18.28	17.26
70118721	LSZ3A	Replacement Contact Block, SPDT-DB Series, Plug-In	58.04	55.09	52.43	50.00
70118511	LSZ1A	Replacement Operating Head, LSA Series	68.17	64.67	61.50	58.68
70119356	LSZ1D	Replacement Operating Head for LSD Series	116.88	110.95	105.58	100.72
70119357	LSZ1H	Replacement Operating Head for LSH Series	83.51	80.81	78.08	75.29
70119359	LSZ1M	Replacement Operating Head for LSM Series	83.51	80.81	78.08	75.29
70119360	LSZ1N	Replacement Operating Head for LSN Series	95.46	90.94	86.81	82.79
70120509	LSZ1U	Replacement Operating Head, LSU Series	83.51	80.81	78.08	75.29
70118811	LSZ1R	Replacement Side Actuator Head	61.23	58.18	56.05	54.13
70119364	LSZ4010	Replacement Steel Actuator (Cat Whisker)	22.17	—	—	—
70119047	LSZ55B	Roller — With Offset; Material: Steel; Roller Mounted on Back of Lever	21.76	20.64	19.65	18.76
70119046	LSZ53B	Roller — Yoke; Material: Steel; Roller Mounted on Front-Back of Lever	21.76	20.64	19.65	18.76

The HDLS product line has been designed to be rugged and reliable even in the most challenging applications. It is available with a modular construction allowing for a wide variety of actuator styles, operating heads and electrical circuitry options. Dual bearing construction offers increased strength with side rotary styles. Operating heads can be rotated 90 degrees and are also field adjustable to CW and/or CCW operation.

Features

- ▶ Wide Variety of Operating Heads
- ▶ Captive Head and Body Screws
- ▶ One-Piece Flat Base to Receptacle Seal Gasket
- ▶ Dual Bearing Design on Side Rotary Construction to Prevent Side Loading Damage
- ▶ Gold Contacts Available
- ▶ Fluorocarbon Sealed Versions Available for High Temperature-Chemical Resistance

Specifications

- ▶ UL Recognized, File #E37138
- ▶ CSA Certified, File #LR57326
- ▶ Sealing: NEMA 1, 3, 4, 6, 12, 13
- ▶ IP65, IP66 and IP67
- ▶ Low Temperature Operation: -40°C (-40°F)
- ▶ Approvals/Standards: UL, CE, CSA, CCC, EN60947-1, EN60947-5-1

MICRO SWITCH™ Medium-Duty Limit Switch — BZG Enclosed Basic Switch Series



Offers the same electrical performance as the BZE line, but with improved sealing and greater mounting hole separation.

Features

- ▶ Mounting Holes Located Outside the Switch Cavity
- ▶ Cast Zinc Housing

Specifications

- ▶ #10 Mounting Screws
- ▶ UL Recognized, File #E12252
- ▶ Actuators Sealed to NEMA 1: IP40
- ▶ Booted Actuators Sealed to NEMA 1, 3, 4: IP66
- ▶ Operating Temperature: -25°F to +160°F

Stock No.	Mfr.'s Type	Description	Mounting	Voltage Rating		Current Rating (Amps)		O.F. (Oz.)	P.T. (In.)	D.T. (In.)	O.T. (In.)	EACH			
				VAC	VDC	AC	DC					1-9	10-49	50-99	100+
				70120096	BZG1-2RN	Straight Plunger	Side					250	250	15	0.15
70118661	BZG1-2RN2	SPDT, Top Roller Arm, Adjustable	Side	250	250	15	0.25	10-20	0.188	0.006	0.219	139.17	128.41	120.85	114.13
70118920	BZG1-2RN34	Top Plunger	Side	250	250	15	0.25	15-39	0.078	0.002	0.219	118.32	112.76	106.50	102.24
70118723	BZG1-2RN62	Low Force Rod	Side	250	250	15	0.25	3-7	0.718	0.229	0.838	142.11	136.64	130.78	125.41