

Common Specifications

Electrical Termination No.18 AWG, 24 L., Polymeric Lead Wires.

Approvals LS-2050 Series Switches are U.L. Recognized – File No. E45168 and are CSA Listed. Explosion-proof units are approved for Class I, Division 1, Group D hazardous areas.

Mounting Attitude Horizontal, $\pm 15^\circ$.

Performance

LS-2050 Series		LS-52100 Series	
Brass Mounting/Buna-N Float		All-Stainless Steel	
Operating Temperature	Water: to +180 °F (82.2 °C) Oil: -40 °F to +250 °F (-40 °C to +121 °C)	-40 °F to +300 °F (-40 °C to +148.9 °C)	
Pressure, PSIG Max. @ 70 °F	150	900	500
Min. Liquid Sp. Gr.	.8	.9	.85
Switch Differential in Liquid	1/2" Minimum	Approximately 3/4"	

How To Order – Select Part Number based on specifications required.

Series Number	Materials			Switch	Part Numbers		
	Stem and Mounting	Float	Other Wetted		Standard Versions	With Bellows (Details Below)	Explosion-Proof
LS-2050	Brass	Buna N	316 Stainless Steel, Beryllium Copper, Te on®, Ceramic	SPDT, 20 VA	30288	—	—
	316 Stainless Steel	316 Stainless Steel	Stainless Steel, Te on®, Ceramic	SPDT, 20 VA	30290	175650	55690
				SPST, 100 VA, N.O.	48068	—	—
				SPST, 100 VA, N.C.	48069	—	—
LS-52100	316 Stainless Steel	304 Stainless Steel	430 Stainless Steel, Te on®, Ceramic	SPDT, 20 VA	52100	—	121753
			430 Stainless Steel, Te on®, Ceramic	SPST, 100 VA, N.O.	116971	—	—
				SPST, 100 VA, N.C.	116972	—	—

Notes

1. See "Electrical Data" on Page X-5 for more information.
2. Not CSA Approved.
3. Not U.L. Recognized or CSA Approved.
4. UL Resistive Rated

– Stock Items.