

1-800-GRAINGER (472-4643)

Type AW Limit Switches



- 600V max.
- 15A
- Enclosures: NEMA 1, 2, 4, 12, and 13
- Plunger types feature a micrometer adjustment

Precision switches are oiltight and dust-tight and can be used in extremely low ambient temps.: -65°F for lever types, 0°F for plunger types. Die-cast zinc housing. Lever arms sold separately; see page 256. UL Listed, CSA and CE Certified.

Actuator Style	Actuator Location	Travel	Movement	Contact Form Switches	Operating Force	Body Width	Body Height	Body Depth	Mfr. Model	Item No.
Compact Limit Switch Body, Non-Plug In										
Rotary, No Lever	Side	Total Travel 90°	CW, CCW	1NC/1NO	2.75 in.-lb.	2.38 in	3.47 in	1.38 in	9007AO16	2FL89 †
Compact Limit Switch Body, Plug In										
Rotary, No Lever	Side	Total Travel 90°	CW, CCW	1NC/1NO	2.75 in.-lb.	2.28 in	3.47 in	1.38 in	9007AO12	2FL88 †
General Purpose Limit Switch										
Plunger, Roller	Top	0.25 in	Horizontal	1NC/1NO	3.0 lb	2.22 in	3.68 in	1.44 in	9007AW32	2EF45
Heavy Duty Limit Switch										
No Lever, Rotary	Side	Total Travel 300°	CCW, CW	1NC/1NO	2.75 in-lb	3.0 in	3.68 in	1.44 in	9007AW16	2EF42 †
No Lever, Rotary	Side	Total Travel 300°	CCW, CW	1NC/1NO	2.75 in-lb	2.39 in	3.68 in	1.44 in	9007AW12	2EF40 †
No Lever, Rotary	Side	Total Travel 300°	CCW, CW	1NC/1NO	2.75 in-lb	3.0 in	3.68 in	1.44 in	9007AW14	2EF41 †
No Lever, Rotary	Side	Total Travel 300°	CCW, CW	2NC/2NO	2.75 in-lb	3.0 in	3.68 in	1.44 in	9007AW18	2EF43 †
Plunger, Roller	Top	0.25 in	Horizontal	1NC/1NO	3.0 lb	2.53 in	3.68 in	1.44 in	9007AW36	2EF46
Plunger	Top	0.25 in	Vertical	1NC/1NO	3.0 lb	2.53 in	3.68 in	1.44 in	9007AW46	2EF49

† Field convertible to CW operation.



2EF40

Severe-Duty Oiltight Limit Switches



UL Listed, CSA and CE Certified.

Movement	Operating Force	Contact Form Switches	Mfr. Model	Item No.		
Severe Duty Limit Switches, Rotary, No Lever						
CW	12.0 in-lb	SPDT	9007TUB1	5B056		
CCW	12.0 in-lb	SPDT	9007TUB5	5B053		
CCW, CW	12.0 in-lb	SPDT	9007TUB4	5B054		
CCW Maintained, CW Maintained	8 in-lb	SPDT	9007TUB12	5B055		
Foundry Duty Limit Switches, Rotary, No Lever						
CCW	12.0 in-lb	SPDT	9007TUD5	21HK24		
CCW, CW	12.0 in-lb	SPDT	9007TUB4	2EG60		
Actuator Type	Arm Length	Roller Position	Roller Dia.	Roller Width	Mfr. Model	Item No.
SQUARE D Limit Switch Lever Arms						
For Use With: 9007C, Mfr. No. 9007T/FT						
Standard Roller	1.5 in	Outside Offset	0.75 in	0.25 in	9007B1	5B090
Standard Roller	2.5 in	Outside Offset	0.75 in	0.5 in	9007B2	5B089
Standard Roller	2.5 in	Front	1.63 in	0.5 in	9007B24	2EF55
Forked Roller, 90°	1.5 in	Same Side	0.75 in	0.25 in	9007X1	5B052
Forked Roller, 120°	1.5 in	Same Side	1.0 in	0.25 in	9007J2	5B062
Conveyor Edge Guide	8.4375 in	Vertical Mount	1.5 in	3.75 in	9007R21	5B057



5B056



5B090

Series D4A Limit Switches



- 1/2"-14 NPT conduit entry, terminal screw connection
- Operating temp.: side rotary, -40° to 238°F; except 2CLR9; all top plungers and flexible rods, 21° to 238°F
- Enclosures: NEMA 3, 4, 4X, 6P, 12, and 13; IP67
- Load rating: SPDT double break, 10A max. at 125VAC; DPDT double break: 5A max. at 125VAC
- Mechanical life: SPDT double break, 50 million operations; DPDT double break, 30 million operations

Heavy-duty plug-in switches have a double seal on the head and complete gasket cover. Provide Class 1 protection against electrical shock.

Side rotary switches are user-selectable CW, CCW, or both. UL Listed and CSA Certified.

Description	STANDARD Item No.	HIGH SENSITIVITY Item No.	LOW TORQUE Item No.	MAINTAINED Item No.
Side Rotary				
SPDT	2CLP9	2CLR1	2CLR2	2CLR3
DPDT	2CLR9	—	—	—
DPDT, Sequential	2CLT3	—	—	—
DPDT, Center Neutral	2CLT4	—	—	—
Replacement Heads	2CLU2	2CLU3	2CLU4	2CLU5
Description	STANDARD Item No.	ROLLER Item No.	ADJUSTABLE Item No.	
Top Plungers				
SPDT	2CLR4	2CLR5	2CLR6	
DPDT	2CLT1	2CLT2	—	
Replacement Heads	2CLU6	2CLU7	2CLU8	
Description		PLASTIC ROD Item No.	COIL SPRING Item No.	
Flexible Rods				
SPDT		2CLR7	2CLR8	
Replacement Heads		2CLU9	2CLV1	
Description		RECEPTACLE Item No.	SWITCH BOX Item No.	
D4A Replacement Plug-In Units				
1 NO/1 NC		2CLT5	2CLT7	
2 NO/2 NC		2CLT6	2CLT8	
2 NO/2 NC, Sequential		—	2CLT9	
2 NO/2 NC, Center Neutral		—	2CLU1	
Optional Levers				
Front-Mount		—	2CLV2	
Back-Mount		—	2CLV3	
Adjustable		—	2CLV4	



Side Rotary



Top Plunger, Standard



Top Plunger, Roller



Top Plunger, Adjustable



Flexible Rod, Coil Spring