1W Electric Switch Locks

1W7A1 Specifications

Contacts – Silver or gold flash

Contact rating – 28 VDC, 10 amps resistive
28 VDC, 3 amps inductive, lamp
125 VAC, 10.1 amps resistive
250 VAC, 10.1 amps resistive

Horsepower rating – 125 VAC, 1/4 HP

Operating temperature – -85°F to +257°F (-65° to +125°C)

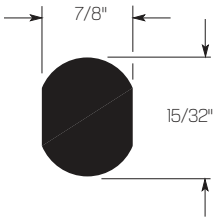
Switch type – SPDT (Single pole-double throw)

Switch lock action – Maintained

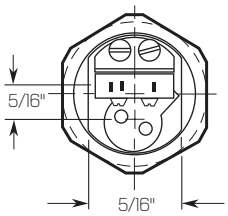
Number of switches per assembly – One



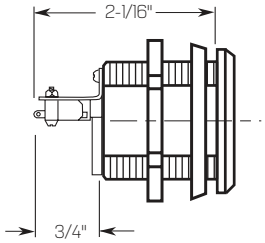
1W7A1



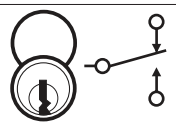
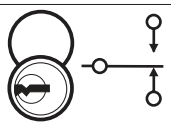
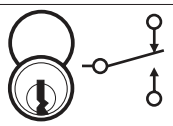
Hole cutout



Back view



Side view

Key & switch positions	Remove key		Optional boxes
			SWR INT OCT
Key pos.1– Swt. pos.1	Key pos.2– Swt. pos.2	Key pos. 1 only - Swt. pos. 1	

1W7B1 & 1W7J1 Specifications

Contact rating – 30 VDC, 15 amps, resistive
125 VDC, 0.6 amps, resistive
250 VDC, 0.3 amps, resistive
125 VAC, 15 amps, resistive
25 VAC, 5 amps, lamp
250 VAC, 15 amps, resistive

Horsepower rating – 125–250 VAC, 1/2 HP

Operating temperature – up to +176°F (+80°C)

Switch type – SPDT (Single pole-double throw)

Switch lock action – Maintained

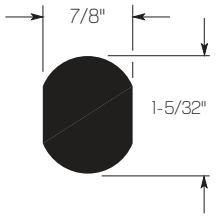
Number of switches per assembly –1W7B1: One, 1W7J1: Two



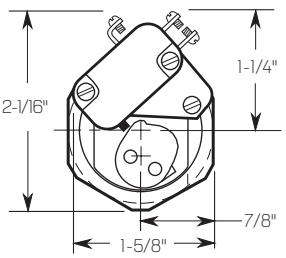
1W7B1—One switch



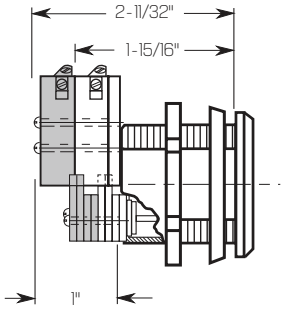
1W7J1—Two switches



Hole cutout

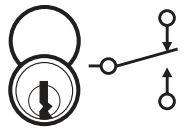
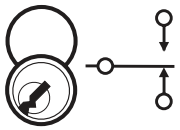


Back view



Side view

The shaded area shows the additional 1W7J3 switch and cam length.

Key & switch positions	Remove key		Optional boxes
			OC1 (1W7B1 only) OC2 INT SWR
Key pos.1– Swt. pos.1	Key pos.2– Swt. pos.2	Key pos. 1 only - Swt. pos. 1	