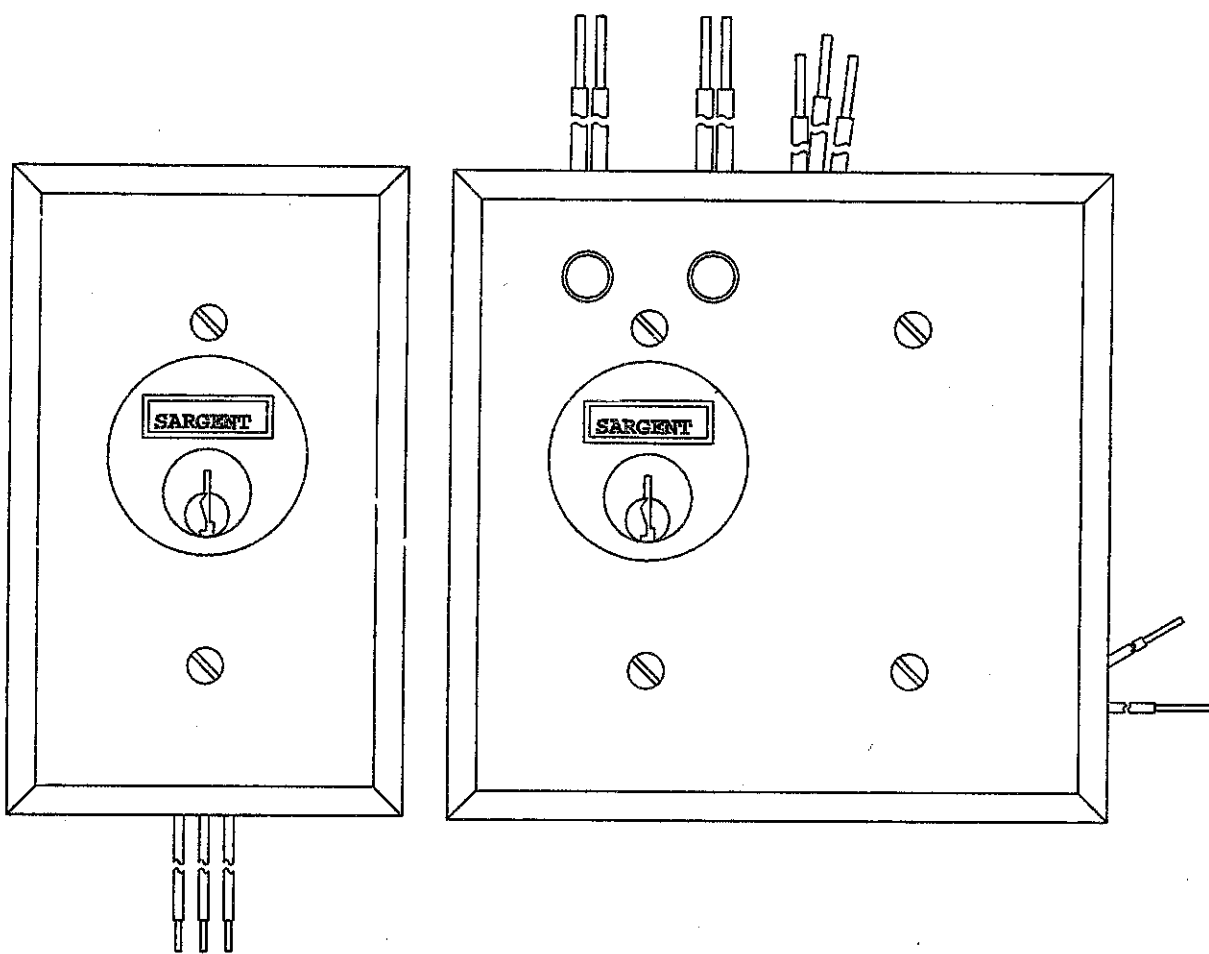


Instructions for the Installation of 4370 Key Switches



SARGENT

ASSA ABLOY

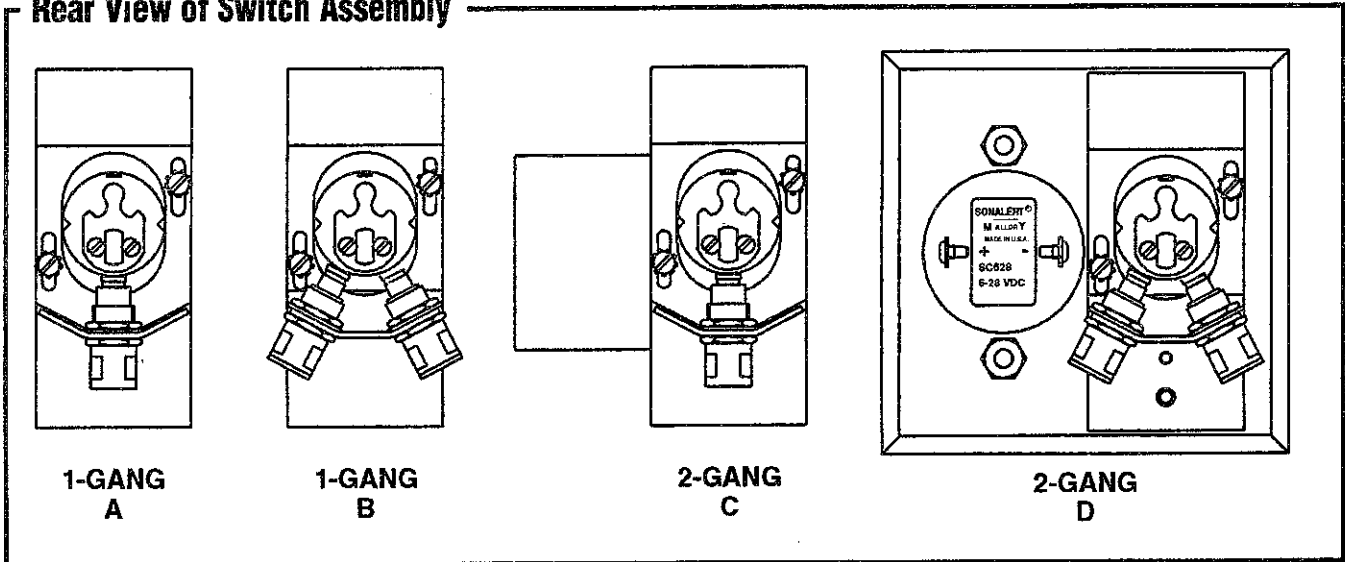
1 Switch Data

Model New	Model Old	Qty.	Contact	Type	Rear View (ref)
4370	4285	1	SPDT	Maintained	A
4371	N/A	1	SPDT	Momentary	A
4371L	4282	1	SPDT	Momentary w/LED's	A
4371LT	4284/ 4287	1	SPDT	Time Delay Adj. 5-120 s.	C
4372	N/A	1	DPDT	Maintained	A
4373	N/A	1	DPDT	Momentary	A
4374	N/A	2	SPDT	Maintained	B
4375	4281	2	SPDT	Momentary	B
4375LH	4286	2	SPDT	Momentary w/horn & LED's	D
4376	N/A	2	DPDT	Maintained	B
4377	N/A	2	DPDT	Momentary	B
4378	N/A	1 1	SPDT SPDT	Momentary/ Maintained	B
4378LH	4283	1 1	SPDT SPDT	Momentary/ Maintained w/horn & LED's	D
4379	N/A	1 1	DPDT DPDT	Momentary/ Maintained	B

Suffixes:

L = LED's - one red, one green
H = Horn (Requires Double Gang)
T = Time Delay
(Requires Double Gang)

Rear View of Switch Assembly



2 Faceplate & Outlet Box Dimensions

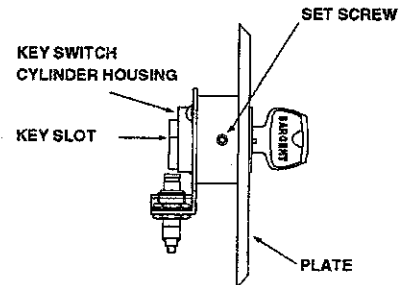
	Face Plate		Outlet Box Size			Appleton Cat No.	RACO Cat No.
	Height	Width	Height	Width	Depth		
1-Gang	4½"	2¾"	4"	2½"	1⅞"	4CS	670
2-Gang (single switch)	4½"	4½"	4"	4"	2½"	132	680
2-Gang (double switch)	4½"	4½"	4¼"	4¼"	2½"	—	—

3 Cylinder Assembly & Switch Adjustment

Cylinder requires clover leaf cam (13-0921) packed standard with key switch

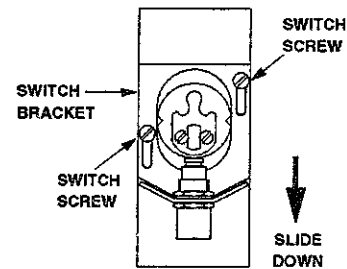
Cylinder Assembly

- Thread key cylinder fully into key switch assembly stopping when the key slot is vertical
- Secure into position with set screws located on either side of the assembly



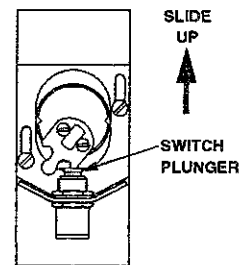
Switch Adjustment

- Loosen both screws holding the switch bracket in place and slide the bracket downward away from the key cylinder (as shown)
- Grasp the key and rotate the cam so that the short lobe is directly above the switch
- Push up on the switch bracket until the switch plunger nearly bottoms within the switch
- Retighten the switch bracket holding screws



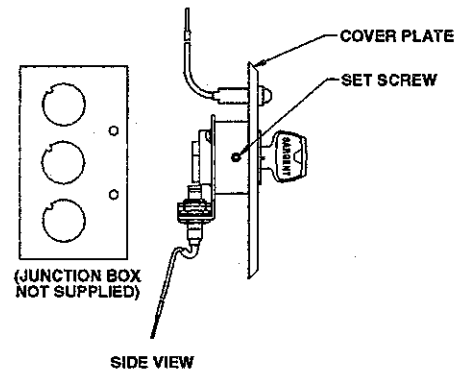
Final Check of Switch Operation

- Rotate the key and observe that the small cam lobe depresses the switch plunger and the center cam lobe acts as a stop when it contacts the switch case
- Minor readjustment may be necessary to obtain a smooth motion



Installation of Key Switch into Outlet Box

- Connect switch and LED wires to wires in junction box
- Carefully insert key switch cylinder housing into junction box making sure switch wires clear junction box edges
- Fasten key switch cylinder housing to junction box with flat head screws provided
- Guide LED wires (if present) into top of junction box above key switch cylinder housing
- Mount cover plate using slotted or spanner head screws provided and tighten

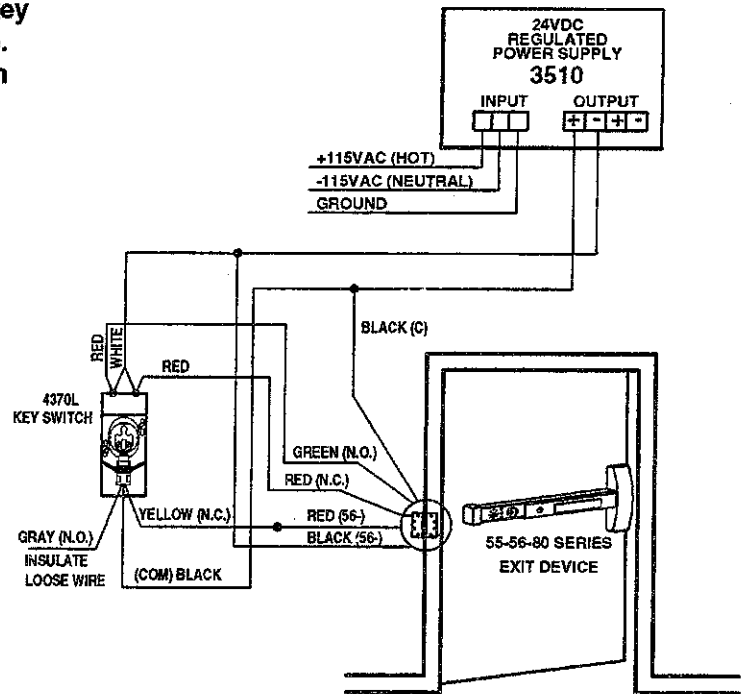


4 Typical Wiring & Operation for 4370L Key Switch

This application requires a SPDT maintained key switch to activate a latch retraction exit device. A key switch with LED's provides an indication when the device is energized.

Operation of 4370L Key Switch

1. Insert key into cylinder.
2. Rotate key to energize exit device - remove key.
3. Rotate key to de-energize exit device - remove key.

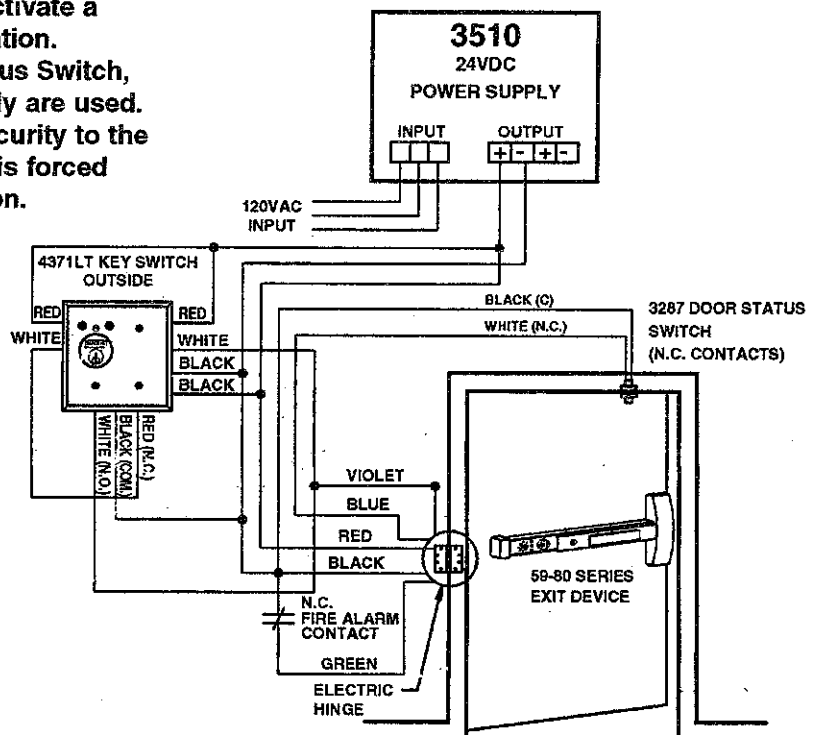


5 Typical Wiring & Operation for a 4371LT Key Switch

This application requires a SPDT momentary contact key switch with time delay to activate/deactivate a delayed egress system from a remote location. A 59-80 Series Exit Device, 3287 Door Status Switch, 4371LT Key Switch, and 3510 Power Supply are used. The door status switch provides added security to the opening by initiating the alarm if the door is forced open while the unit is in an armed condition.

Operation of 4371LT Key Switch

1. Insert key into cylinder.
2. Rotate key to energize exit device - remove key.
3. Rotate key to de-energize exit device - remove key.



NOTE: Wiring shown with timer in energized state and timed out.