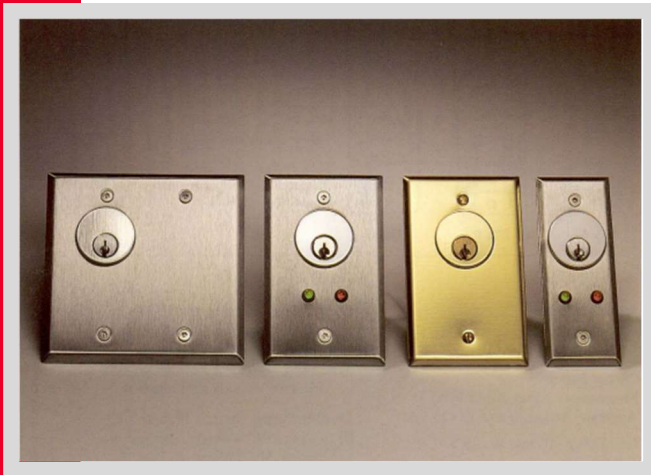


5140 MORTISE CYLINDER KEY SWITCH

**KEY SWITCHES FOR
AUTHORIZED ACCESS:
RESTRICTED ENTRY:
LOCKDOWN:**



Features:

**Accepts Most Standard Mortise
Cylinders**

Single or Dual Switch Modes

Multiple Position Switch Modes

Narrow to Wide Switch Plates

Tamper Resistant Screws



Wide Range of Operating Modes:

Key operated mortise cylinder switches can restrict use of electrically operated entrance control systems, alarms, electric locking devices and other similar equipment. Actuation of switch controls can be limited to authorized key carrying personnel.

Ideal for after hours access into buildings, such as apartment entrances with magnetic locks and time-controlled locking systems. Key switches can also be used to authorize bypassing or shunting of door alarms and delayed release exit control systems. Other applications are security interlock override to restricted areas. The mode selection of day/night automatic door operating systems can be controlled with key switches.

Works with Most Cylinders:

The 5140 series switches allow activation by most 1-1/8" & 1-1/4" standard cam cylinders.

Single and double gang plates are optional for flush wall or surface box mounting. A narrow switch plate is offered for mounting on hollow metal or aluminum door frames. Switch plates are furnished in satin finish, stainless steel or optional Brass & Chrome finishes.

Multiple Switch Configurations:

Key switches may be combined with LEDs to provide door status or other conditions. The sounder option can be used to alert an alarm condition and then be reset from the key switch.

Switches can be momentary, or alternate action. The 23DA pneumatic time delay switch can be used to provide adjustable delayed opening or closing of contacts. Key switches may combine multiple operating modes, such as maintained and momentary action, in the same assembly. A combination of this configuration would typically have a center off position with the action being left for momentary and right for maintained.

Added Security Benefits:

Additional security can be provided with the optional concealed tamper switch. This can be used to signal an alarm monitoring device of attempts to defeat the key switch by removing the faceplate

Tamper resistant, socket pin in hex security screws, are supplied as standard to further enhance security.



Product Specifications

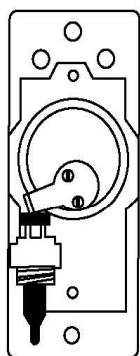


FIG. A

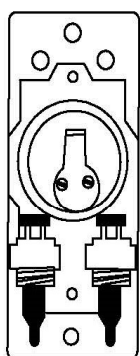


FIG. B

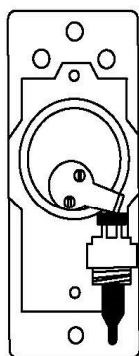


FIG. C

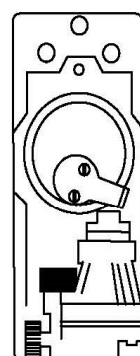
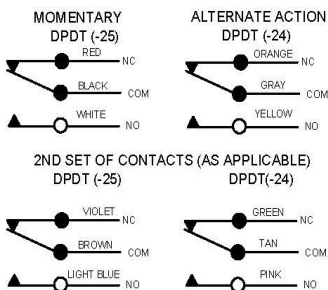
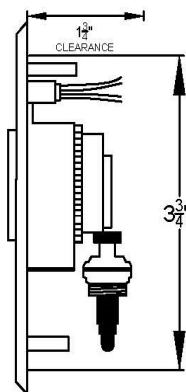
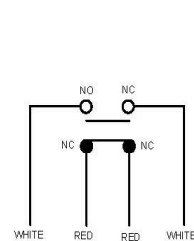


FIG. D

P23DA DELAY ACTION



Specifications:

Clearance Dimensions:

1-3/8" x 3-3/4" x 1-3/4"

Contact Rating-

Momentary – 3 amp @ 125 VAC

Alternate Action – 3 amp @ 125 VAC

Time Delay – 10 amp @ 125 VAC

(Resistive)

Single Gang Switch Plates:

5141-24 = Single Alternate Action DPDT Switch

5141-25 = Single Momentary Action DPDT Switch

5141-23DA = Double break delayed Action DPST Pneumatic Switch

5141-2/25 = Dual Momentary action DPDT Switch

5141-2/24 = Dual Alternate Action DPDT Switches

5141-24/25 = Single Alternate Action DPDT Switch & Single Momentary Action DPDT Switch

5141-24xP15 = Single Alternate Action DPDT Switch & Single Momentary Push Button Switch

Switch Plate Options:

N5141- = Narrow (1-3/4" wide) Switch Plate for Mullion Mount

D5141- = 2 Gang (4-1/2" wide) Switch Plate

WR5141- = Weather Resistant Switch Plate for Weather Resistant Box

Double Gang Switch Plates:

D5141-24xP15 = Single Alternate Action DPDT Switch & Momentary SPDT Push Button

D5141-25xCS = Single Momentary DPDT Switch & One Piezo Sounder

D5141-25XP15xCT = Single Momentary DPDT Switch, one Momentary SPDT Push Button & One Tamper Switch

D5141-2/24xL = Dual Alternate Action DPDT Switches & One bi-color LED

Options:

XL= One bi-color LED

XCS= One Piezo Sounder (requires 2 gang)

xCT= One Tamper Switch

Finish Options:

XUS26= Polished Chrome

XUS3= Polished Brass

XUS4= Satin Brass

Suggested Applications:

Use the 5141-25 to signal an access control system to unlock a door with one DPDT switch and also cut off power to a magnetic lock with the second set of contacts.

The 5141-23DA can be used to unlock a door for a single passage using the adjustable time delay feature. When the D5141-23DAxCS is used to control a magnetic lock with door position switch a "door open alarm" can be created.

Frequently the 5141-25xL is used to arm or disarm a controlled device and have the status indicated by the LED. The 5141-25 can also be used to allow an authorized entry and momentarily shunt an alarm.

The 5141-24 can be used to unsecure a building entrance for free access during normal day periods. If a 5141-24/25 is used to allow both momentary unlocking for access and an alternate action for toggling the locks on and off for extended periods, the addition of LED indicators will assist the users to know the status of the system.



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