CB Series

Communicating Bathroom Control Switches

SDC's CB series communicating bathroom control switches are designed for a common single bathroom shared by two patient rooms or dormitory rooms, and provide privacy with coordinated emergency access when occupied, while ensuring that both doors are unlocked when unoccupied.

SDC's CBP series communicating bathroom control packages combine CB series control switches into pre-spec'd mortise, cylindrical or electromagnetic lock system solutions. One part number covers it all.*

* For more information about SDC's CBP series of communicating bathroom packages, see related products.

| **CB401-AU** | **CB401-B** | **CB701** |
| **CB402-AU** | **CB402-B** | **CB702** |

MODELS

CB401-AU System Activation Push Button, Alternate Action (AA) On/Off

CB402-AU System Activation Push Button, Momentary (MO)

CB401-B* Emergency Access Push Button, , Alternate Action (AA) On/Off

CB402-B* Emergency Access Push Button, Momentary (MO)

CB701** Emergency Access Key Switch, Alternate Action (AA) On/Off

CB702** Emergency Access Key Switch, Momentary (MO)

* Two required in a system.

** Key cylinders not included, order separately. See related products.

STANDARD FEATURES

• Tamper-resistant spanner screws

SYSTEM ACTIVATION SWITCHES ONLY

• Simultaneously lock and unlock doors to a shared room for privacy

EMERGENCY ACCESS SWITCHES ONLY

• Emergency release for facility staff
• Emergency release from fire life safety panel input

the lock behind the system

Security Door Controls
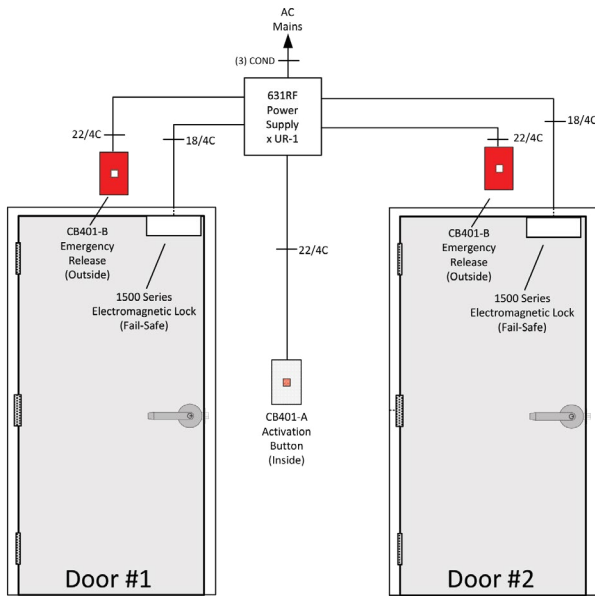
sdcsecurity.com ▪ 800.413.8783

APPLICATIONS

For a common single bathroom shared by two patient rooms or dormitory rooms. The system activation switches control privacy and ensure that both doors are locked only when the bathroom is occupied and unlocked when the bathroom is not occupied. The emergency access switches release locks allowing access to facility staff in emergency situations. Additionally, emergency access switches should be wired into the onsite fire life saftey panel to also release locks in the event of an emergency.

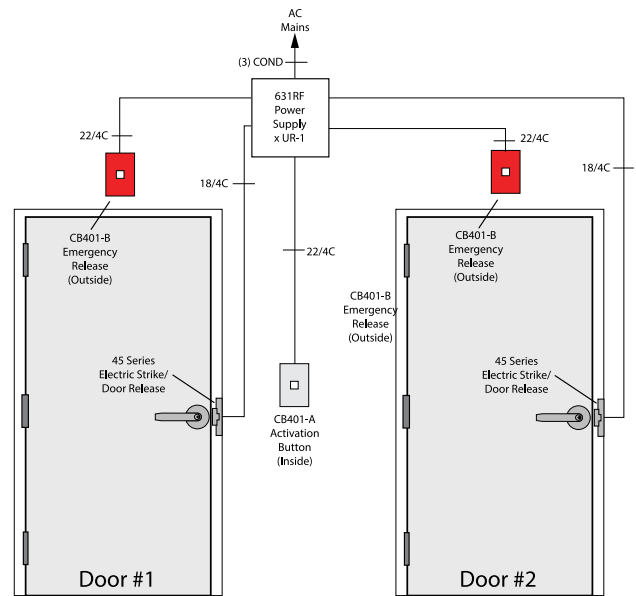## ALTERNATE ACTION (AA) ON/OFF SWITCH APPLICATIONS

Where the doors of the shared room are secured with elecromagnetic locks, the CB401 and CB701 maintained switches are most commonly utilized.

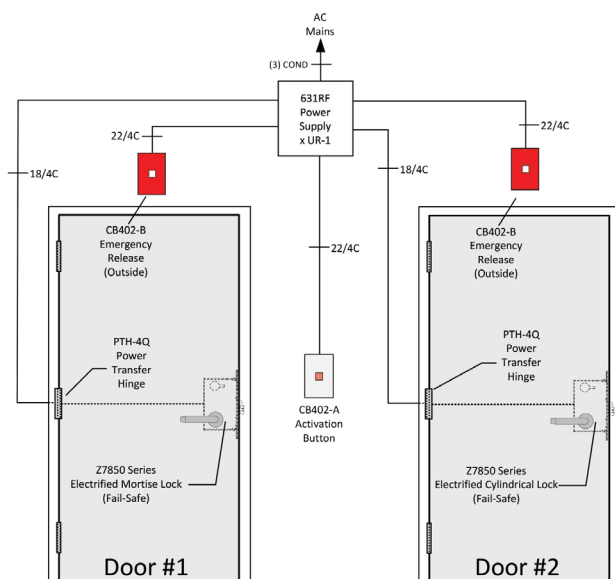## MOMENTARY (MO) SWITCH APPLICATIONS

Where the doors of the shared room are secured by electrified locksets or electric strikes, the CB402 and CB702 momentary switches are most commonly utilized.
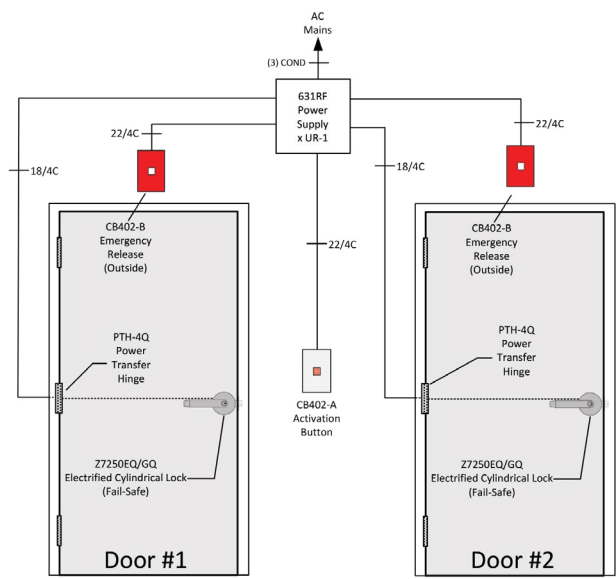

AC Mains
(3) COND
631RF Power Supply x UR-1
22/4C
18/4C
18/4C
22/4C
22/4C

CB401-B Emergency Release (Outside)
1500 Series Electromagnetic Lock (Fail-Safe)
CB401-A Activation Button (Inside)
CB401-B Emergency Release (Outside)
1500 Series Electromagnetic Lock (Fail-Safe)

Door #1
Door #2

ELECTROMAGNETIC LOCK
ALTERNATE ACTION (AA) ON/OFF SWITCH APPLICATION

AC Mains
(3) COND
631RF Power Supply x UR-1
22/4C
18/4C
22/4C
22/4C
18/4C

CB401-B Emergency Release (Outside)
CB401-B Emergency Release (Outside)
45 Series Electric Strike/ Door Release
CB401-A Activation Button (Inside)
CB401-B Emergency Release (Outside)
45 Series Electric Strike/ Door Release

Door #1
Door #2

ELECTRIC STRIKE
MOMENTARY (MO) SWITCH APPLICATION

AC Mains
(3) COND
631RF Power Supply x UR-1
22/4C
18/4C
22/4C
18/4C
22/4C

CB402-B Emergency Release (Outside)
PTH-4Q Power Transfer Hinge
Z7850 Series Electrified Mortise Lock (Fail-Safe)
CB402-A Activation Button
CB402-B Emergency Release (Outside)
PTH-4Q Power Transfer Hinge
Z7850 Series Electrified Cylindrical Lock (Fail-Safe)

Door #1
Door #2

ELECTRIFIED MORTISE LOCKSET
MOMENTARY (MO) SWITCH APPLICATION

AC Mains
(3) COND
631RF Power Supply x UR-1
22/4C
18/4C
22/4C
18/4C
22/4C

CB402-B Emergency Release (Outside)
PTH-4Q Power Transfer Hinge
Z7250EQ/GQ Electrified Cylindrical Lock (Fail-Safe)
CB402-A Activation Button
CB402-B Emergency Release (Outside)
PTH-4Q Power Transfer Hinge
Z7250EQ/GQ Electrified Cylindrical Lock (Fail-Safe)

Door #1
Door #2

ELECTRIFIED CYLINDRICAL LOCKSET
MOMENTARY (MO) SWITCH APPLICATION

SPECIFICATIONS

	CB401-AU	CB402-AU	CB401-B	CB402-B	CB701	CB702
Faceplate	20 Guage Stainless Steel	20 Guage Stainless Steel	20 Guage Stainless Steel	20 Guage Stainless Steel	20 Guage Stainless Steel	20 Guage Stainless Steel
Finish	630 Dull Stainless	630 Dull Stainless	Red	Red	Red	Red
Signage	BATHROOM LOCK BOTH DOORS MUST BE CLOSED TO LOCK PUSH TO LOCK OR UNLOCK LIGHT ON DOOR LOCKED	BATHROOM LOCK BOTH DOORS MUST BE CLOSED TO LOCK PUSH TO LOCK OR UNLOCK LIGHT ON DOOR LOCKED	EMERGENCY RELEASE PUSH TO UNLOCK DOOR	EMERGENCY RELEASE PUSH TO UNLOCK DOOR	EMERGENCY RELEASE TURN KEY TO UNLOCK DOOR	EMERGENCY RELEASE TURN KEY TO UNLOCK DOOR
Activation	Push Button	Push Button	Push Button	Push Button	Keyswitch	Keyswitch
System Role	System Activation	System Activation	Emergency Access	Emergency Access	Emergency Access	Emergency Access
Wire Leads	7" 22 AWG	7" 22 AWG	7" 22 AWG	7" 22 AWG	7" 22 AWG	7" 22 AWG
Weight	1.5 lbs	1.5 lbs	1.5 lbs	1.5 lbs	1.5 lbs	1.5 lbs
Input	12/24 VDC ± 10%	12/24 VDC ± 10%	12/24 VDC ± 10%	12/24 VDC ± 10%	12/24 VDC ± 10%	12/24 VDC ± 10%
Contact	SPDT	SPDT	SPDT	SPDT	SPDT	SPDT
Rating	2 Amps @ 24 VDC Resistive	2 Amps @ 24 VDC Resistive	2 Amps @ 24 VDC Resistive	2 Amps @ 24 VDC Resistive	2 Amps @ 30 VDC Resistive	2 Amps @ 30 VDC Resistive
Type	Alternate Action (AA) On/Off	Momentary (MO)	Alternate Action (AA) On/Off	Momentary (MO)	Alternate Action (AA) On/Off	Momentary (MO)

HOW TO ORDER

FOLLOW STEPS FOR ORDERING

Designates optional step

1| SPECIFY MODEL

CB401-AU System Activation Push Button, Alternate Action (AA) On/Off

CB402-AU System Activation Push Button, Momentary (MO)

CB401-B* Emergency Access Push Button, , Alternate Action (AA) On/Off

CB402-B* Emergency Access Push Button, Momentary (MO)

CB701** Emergency Access Key Switch, Alternate Action (AA) On/Off

CB702** Emergency Access Key Switch, Momentary (MO)

* Two required in a system.

** Key cylinders not included, order separately. See related products.

STEP NUMBER:	1
ORDERING EXAMPLE:	**CB402-AU**

RELATED PRODUCTS

COMPATIBLE KEY CYLINDERS

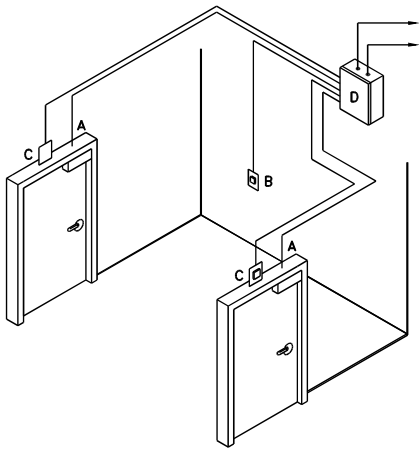**CYL-6KDQ** Mortise Cylinder, 6-Pin, 1⅛" Length, Keyed Different, Dull Chrome

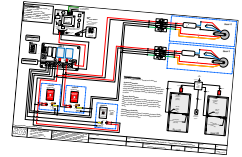**CYL-6KAQ** Mortise Cylinder 6-Pin, 1⅛" Length, Keyed Alike, Dull Chrome

COMMUNICATING BATHROOM PACKAGES

SDC's CBP series communicating bathroom control packages combine CB series control switches into pre-spec'd mortise, cylindrical or electromagnetic lock system solutions. One part number covers it all.

CLICK TO VIEW

Every shared bathroom package also includes a riser diagram, components list, method of operation and wiring diagram to help you determine the materials and installation costs to complete your project bid.

PACKAGE COMPONENTS

(2) Electrified locking devices with built-in latch status or door position status (mortise, cylindrical or electromagnetic)

(1) System activation push button switch (CB400-A)

(2) Emergency access push button switches (CB400-B)

(1) 1.5 Amp power supply with universal relay (631RFXUR1)

(2) Power transfer hinges (PTH-4Q)*

* Not required, not included in electromagnetic packages.

MORTISE LOCK PACKAGES
CBP-ME-78 Solenoid controlled locksets with eclipse trim (Z7850LQDE)

CBP-MG-78 Solenoid controlled locksets with galaxy trim (Z7850LQDG)

CYLINDRICAL LOCK PACKAGES
CBP-CE-72 Solenoid controlled locksets with eclipse trim (Z7250EQ)

CBP-CG-72 Solenoid controlled locksets with galaxy trim (Z7250GQ)

ELECTROMAGNETIC LOCK PACKAGES
CBP-EM-81 650lb holding force (1581VD)

CBP-EM-71 1200lb holding force (1571VD)

CBP-EM-11 1650lb holding force (1511VD)