SXK-COB02 / SXK-COB03

Manual Push Button Switches

Local control for parking boom barriers and automatic gates. Choose an OPEN and CLOSE station, or add a rotary STOP control with the three-control model.



SXK-COB02



SXK-COB03

Model	Controls	Command functions
SXK-COB02	2 push buttons	OPEN / CLOSE
SXK-COB03	2 push buttons + 1 rotary control	STOP / OPEN / CLOSE

Product features

ABS and PC enclosure with a perimeter sealing strip and IP65 protection. Silver contacts and screw terminals provide a wired interface to the controller. Side and bottom knockouts support cable entry.

Technical specifications

Both models provide mechanical switch contacts for a wired controller interface. The switch block ratings distinguish conventional thermal current from rated insulation voltage.

Parameter	Specification
Product models	SXK-COB02 and SXK-COB03
Product type	Enclosed manual control switch station
Enclosure material	ABS + PC
Enclosure protection	IP65, with enclosure sealed and cable entries correctly finished
Contact material	Silver contacts
Contact functions	NO, NC, COM
Conventional thermal current Ith	10 A
Rated insulation voltage Ui	415 V
Utilization category markings	AC-15 / DC-13
Reference markings on block	GB14048.1 / GB14048.5
Terminal connection	Screw terminals on the contact blocks
Power requirement	Passive switch contacts; connection follows controller input requirements
Enclosure sealing	Perimeter sealing strip and screw-fastened cover
Cable entry	Side and bottom knockouts
Installation	Surface-mounted control station
Finish shown	Dark front cover with light enclosure base

Model and mechanical reference

Item	SXK-COB02	SXK-COB03
Front controls	Green OPEN; red CLOSE	Rotary STOP; green OPEN; red CLOSE
Enclosure dimensions	130x65x70 mm	170 x 65 x 70 mm
Product weight	0.2kg	0.35 kg

Ith is the conventional thermal current, and Ui is the insulation voltage. Select the actual switching duty to suit the control voltage, load type and fitted contact block.

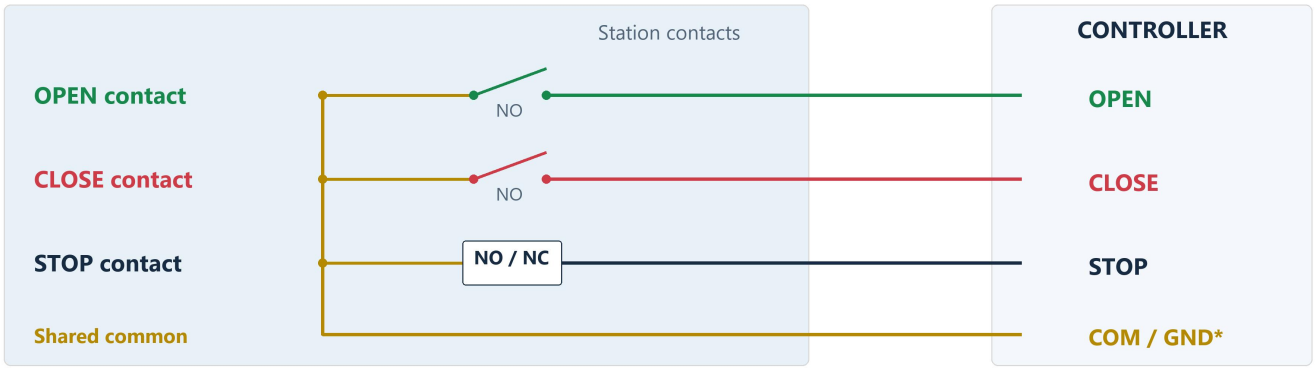
Wiring and controller connections

Connect each command contact to its matching controller input and shared common. The drawings show functional connections; follow the actual switch and controller terminal markings.

SXK-COB02 / OPEN AND CLOSE



SXK-COB03 / STOP OPEN AND CLOSE



* Use the controller common reference. Select the STOP contact to match its input logic.

Wire colors follow the supplied connection examples | NO shown for OPEN and CLOSE

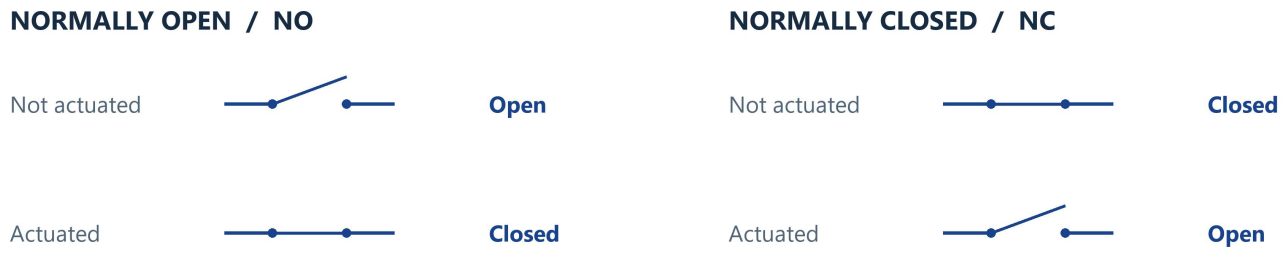
Function	SXK-COB02 example	SXK-COB03 example	Controller input
Common	Black	Yellow	COM / GND*
OPEN	Green	Green	UP / OPEN
CLOSE	Red	Red	DOWN / CLOSE
STOP	Not fitted	Black	STOP

Use the controller command common as specified for that controller. Apply +12 V only when the controller explicitly requires a voltage input; the common connection is not a universal power terminal.

Select the STOP contact function to match the controller input logic. Wire colors identify the reference examples and may vary with the installation.

Operation and installation

The front controls send commands to the connected controller. The controller determines barrier movement, command priority and stop behavior.



Contact states are logical examples | Confirm terminal pairs on the fitted contact blocks

Control	Model	Command
Green OPEN button	SXK-COB02 and SXK-COB03	Press to request opening through the controller.
Red CLOSE button	SXK-COB02 and SXK-COB03	Press to request closing through the controller.
Rotary STOP control	SXK-COB03	Operate the STOP control to request the controller stop function.

NO contacts close when actuated; NC contacts open when actuated. The common in the wiring examples is a shared reference connected by jumpers between the selected contacts.

Installation sequence

01 Mount the enclosure. Select an accessible position for the operator. Secure the base and keep the cover sealing surfaces clean.

02 Prepare cable entry. Open the required side or bottom knockout. Fit a suitable sealed cable entry and close any unused openings.

03 Terminate the controls. Connect OPEN, CLOSE, common and STOP where fitted. Verify the contact function and controller input requirements before energizing the controller.

04 Close and test. Seat the sealing strip and refit the cover. Test each command and check the resulting barrier movement and STOP behavior.

Ordering reference

Specify SXK-COB02 for OPEN and CLOSE control, or SXK-COB03 for STOP, OPEN and CLOSE control. Confirm actuator return or maintained action, required contact selection and enclosure dimensions for the supplied configuration.

Thinkpark Technology Co., Ltd | tom@autobarriergate.com sales@sxkchina.com

Specifications are subject to change without notice. Please confirm final configuration and certifications with our sales team before ordering.