

PUSH VERSION WASHROOM SWITCH KIT: HWK-04-PB

			
OUTER OPEN	INNER LOCK	INNER UNLOCK	CONTROLLER



WAIT FOR DOOR TO CLOSE



USE 'PUSH TO LOCK' SWITCH
TO LOCK DOOR

Push to open
GREEN = Vacant **RED** = Occupied

Push to open
GREEN = Vacant **RED** = Occupied

**IN THE EVENT OF AN EMERGENCY
PUSH EMERGENCY BUTTON
AN AUDIBLE AND VISUAL SIGNAL
WILL ACTIVATE
PULL TO RESET**

Description-In Standard State

1	In standby (IDLE) state, the 3pcs push switches' LED show in GREEN indicator light, the electric lock is unlocked.
2	Press the interior "PUSH TO LOCK" button, the automatic door will closing, after the door is fully closed(the magnetic door contact signal of the door is received),the electric lock will be locked, the 3 switches will turn to RED indicator light. The system in the LOCKED(Occupied) state, the outer switch is inhibited.
3	Push the interior "PUSH TO OPEN" button, the electric lock will be unlocked ,the automatic door will opening, 3 switches will turn to GREEN indicator light. System turn to IDLE state. Automatic door will be closed according to "DOOR H.O. TIME" setting ,but the lock still in unlocked state.
4	When system in occupied state, if the alarm input(normally is a emergency push switch) is received, all the system will be released and turn to idle state, the alarm devices will output alarm sound and light until the emergency push switch reset.

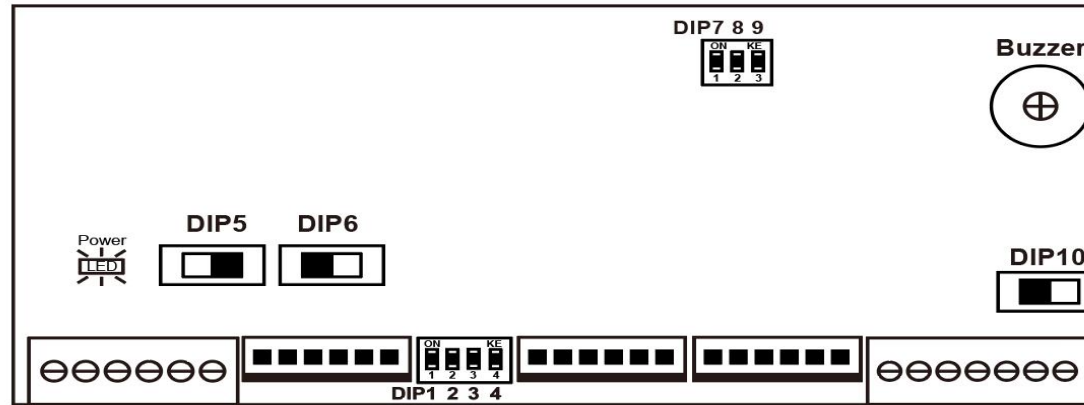
Note: Above is the default state, If the DIP settings be changed, the state will change according to it.

DIP Setting-Push Switches

DIP	DIP1 and DIP2 both in "OFF" position: Idle-blue, activation-green, occupied-red
	DIP1 in "ON" position, DIP2 in "OFF" position: Idle-green, activation-blue, occupied-red
	DIP2 in "ON" position (DIP1 no matter in "ON" or OFF position): Idle-green, occupied-red (Default)

DIP Setting-Controller Please check pages 2&3 for DIP switch settings, it is important to make sure they are set to your specific application

PUSH VERSION WASHROOM SWITCH KIT



DIP1	Door hold open time 1	4 times optional: 1s, 5s, 7s, 15s 	
DIP2	Door hold open time 2		
DIP3	Control re-set time	ON	Max service time is 30mins, system will reset automatically after using 30mins, then turn to IDLE mode, and the lock will be released.
		OFF	Lock time is infinite, it only unlocks until the "INNER UNLOCK" switch be activated.
DIP4	Buzzer	ON	There is a beep when any of these 3pcs switches is activated.
		OFF	When the switches be activated, there no beep sound.
DIP5	Electric lock power input	+24V/+12V	Select the right power input voltage according to the voltage range of the electric lock which you used.
DIP6	NO or NC	NO/NC	The signal mode for the electric lock.
DIP7	Electric lock state In IDLE state	ON	The DOOR(lock) remain locked, even the system in IDLE state. The lights of the 3pcs switches are Green, the "OUTER OPEN" switch works as normal, when activate it, the lock will be unlocked, the door will opening according the hold open time setting.
		OFF	In IDLE state, the DOOR(lock) is in unlocked.
DIP8	"INNER LOCK" switch works mode	ON	Activated the "INNER LOCK" switch and the door fully closes within 5secs, the door will locked automatically, no need activate "INNER LOCK" switch again to lock the door. If the door is not fully closes without 5secs, need to activate "INNER LOCK" switch again to lock the door.
		OFF	To ensure that the door is locked only when someone is in the room, The "INNER LOCK" switch locks the door only after it is fully closed.

PUSH VERSION WASHROOM SWITCH KIT

DIP9	Electric lock state when the alarm input is received	ON	The electric lock will keep in locked when the emergency push switch be activated, The “INNER UNLOCK” and the “OUTER OPEN” switches both can unlock the electric lock. The “INNER LOCK” switch is inhibited until the emergency push switch reset.
		OFF	The electric lock will be unlocked when the emergency push switch be activated, The “INNER LOCK” switch is inhibited until the emergency push switch reset.
DIP10	Power supply way for alarm devices	Left side	The controller supplies power to the alarm and only supports 12VDC alarm devices.
		Right side	External power supply for the alarm devices. Note: If the dip switch is set incorrectly, the alarm will not work.

Definition of the Terminals

6PIN Terminal block	AC/DC 12-24V	External power supply to the controller.
	NO & COM	Signal output to door operator.
	LOCK+ & LOCK-	The controller supplies power to the electric lock.
6PIN Plug and Play Terminal	Outer open & Inner Locked & Inner Unlock	Connect the controller with 3pcs switches.
7PIN Terminal block	Door sensor & GND	Connect the door sensor, the door sensor sending the signal to the door operator, The door closes only when the door sensor is closed.
	Alarm input & GND	Connect with the Emergency push button, when it is activated, the electric lock will be released, the whole system turn to idle state, the alarm will sound and light up until the emergency push switch is reset.
	Alarm+& Alarm-INTERNAL	The output signal to the alarm device, controller provide the power to the alarm, only support 12VDC alarm device.
	Alarm+ EXTERNAL	External power supply for the alarm devices, need to connect any GND on the controller, 24V to 24V alarm device, 12V to 12V alarm device. The positive and negative poles can not be reversed, otherwise it will cause product damage.

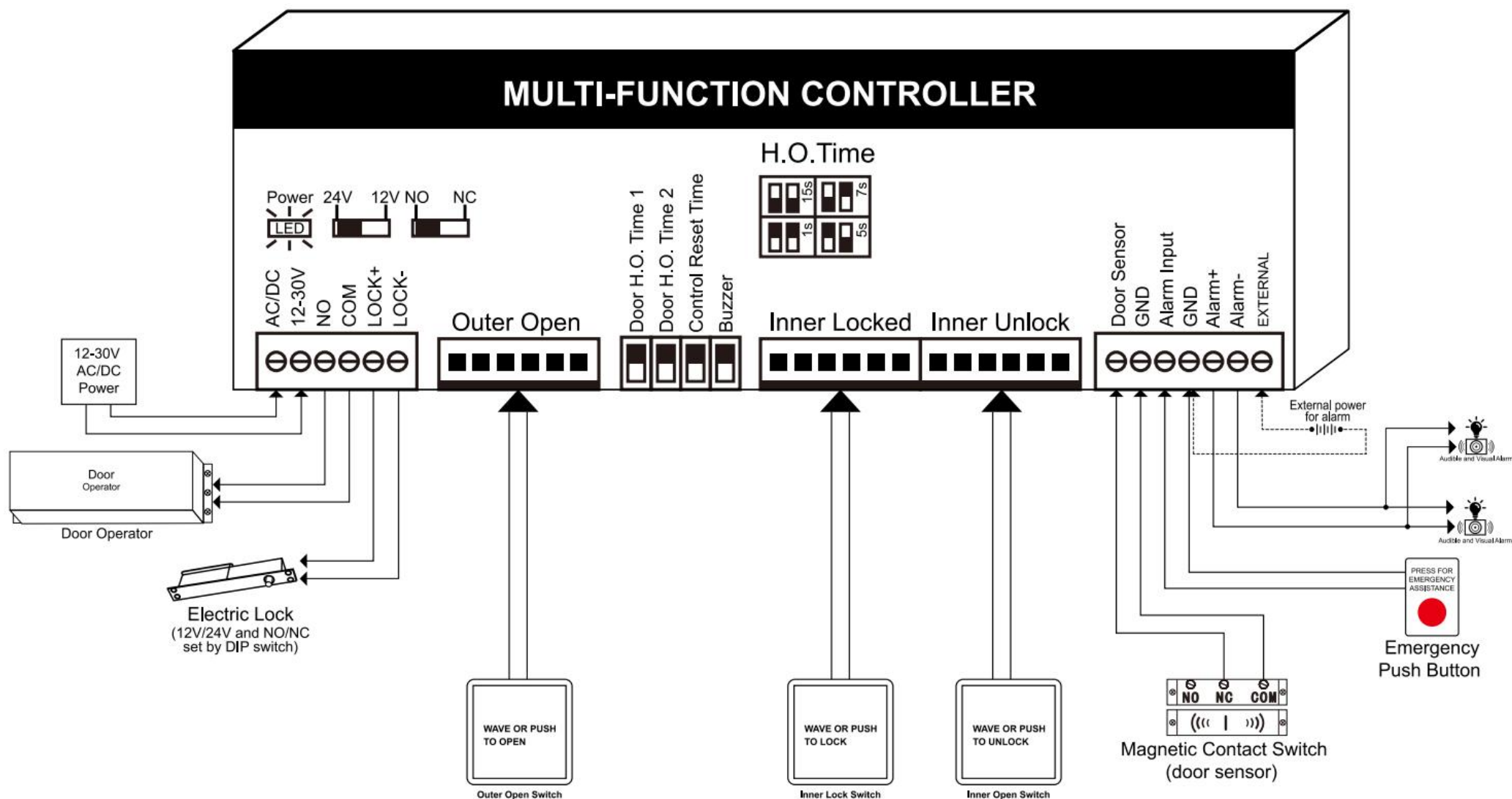
Specifications

Controller		Switch	
Working Voltage:	12~30V AC/DC	Working Voltage:	12-15V DC
Working temperature:	-20~+60°C	Working temperature:	-20~+60°C
Size:	138 x 65 x 36mm	Size:	129 x 129 x 46mm
Weight:	165g	Weight:	480g

Packing list

Push switch	3pcs	Mounting screw bag	1 bag
Controller	1pcs	9.2 meters cable	3pcs

WIRING OF THE CONTROLLER



Notes: Do not install or service this product unless you have read and understood the instruction.