



High Security Key Switch

ACX High Security Key Switch Device is the perfect design for the door installed keyless electric lock access control system, the device can support fail safe and fail secure electric lock.

The device divides into 2 parts, 2031 random key switch and 2032 key controller.

If the reader or door panel hanged in accident, user can use the machanical key to open the door. No matter to short circuit or open circuit the visble wires under tampered or not, the electric lock status will remain unchange.

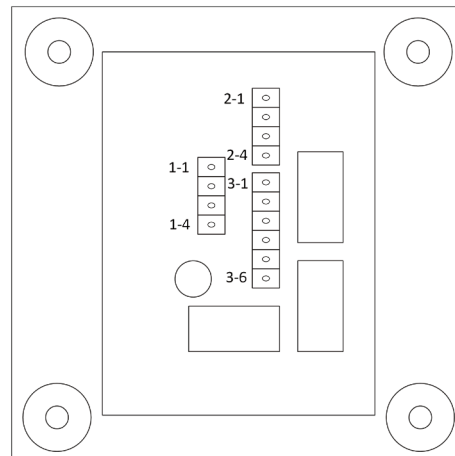
Master Keys design for large scale system.

KEY FEATURES

- RED (Normal) / GREEN (Key Open Door) / OFF (Tampered) color LED indication
- Support Fail Safe and Fail Secure Electrical Lock
- Short or open circuit the wires WILL NOT change the lock status
- Reset button in 2032 to activate the key switch function
- E-Lock power from panel or external
- KEY open / close signal output
- Tamper health / trigger signal output



ACX High Security Key Switch Unit



Wire color	Connect to 2032
RED	3-1
GREEN	3-2
BLACK	3-3
YELLOW	3-4
WHITE	3-5
BROWN	3-6

ACX 2032 Key Controller		
PIN	Description	
1-1	12VDC, 500mA Input	
1-2	0VDC	
1-3	KEY Signal, Normal - Floating, Open Door - 0VDC	
1-4	TAMPER Signal, Health - 0VDC, Tampered - Floating.	
2-1	From Panel E-Lock Power Out	
2-2	Same as 2-1	
2-3	Connect to E-Lock +	
2-4	Same as 2-3	
3-1	(RED) Connect to 2031's Green LED V-	
3-2	(GREEN) Connect to 2031's Red LED V-	
3-3	(BLACK) Connect to 2031's LED V+	
3-4	(YELLOW) Connect to 2031's Key Switch	
3-5	(WHITE) Connect to 2031's Key Switch and Tamper COM	
3-6	(BROWN) Connect to 2031's Tamper	
J1	OPEN - Fail Safe, CLOSE - Fail Secure	

ACX 2301 and 2302 Wiring Diagram

