

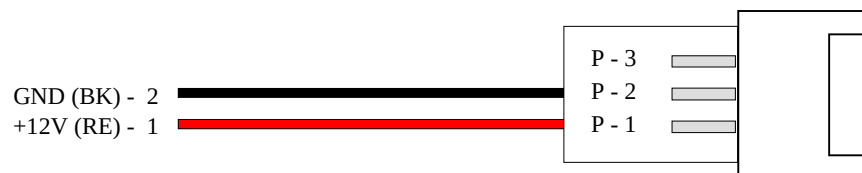
Installation Guide for AC-5000 V1.0

Fingerprint Identification Terminal



Doc Ver1.2
July, 26, 2012
R&D Center
Union Community Co., Ltd.

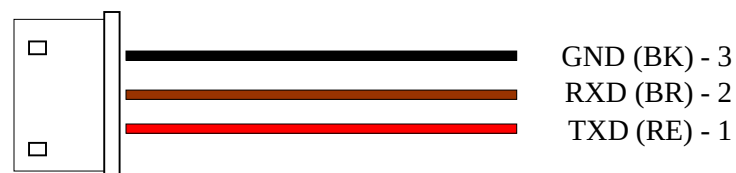
1. Description of External Cables



Power Adapter Cable

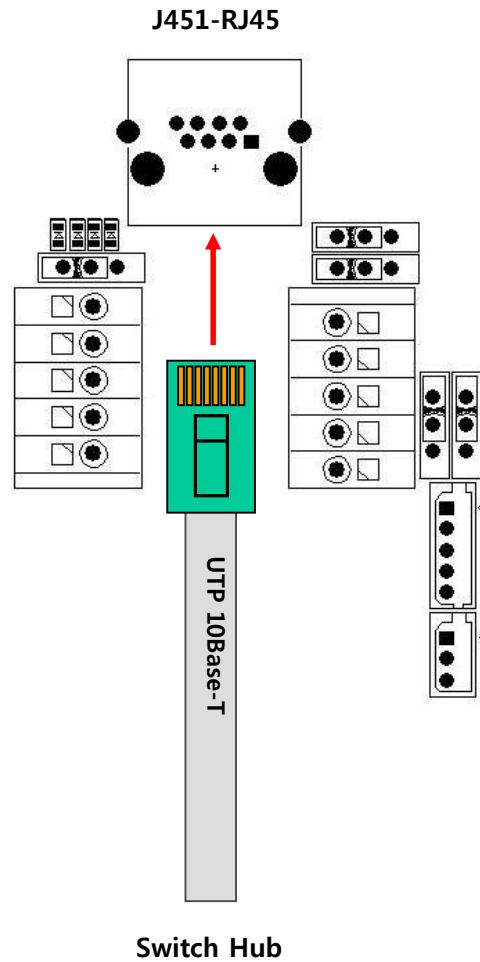


Wiegand Cable (5P)

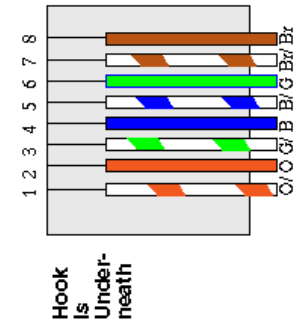


RS232 Cable (3P)

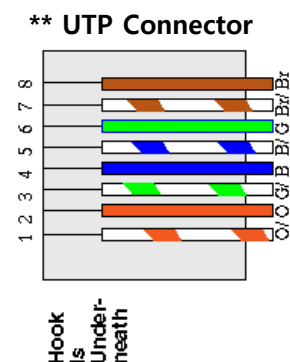
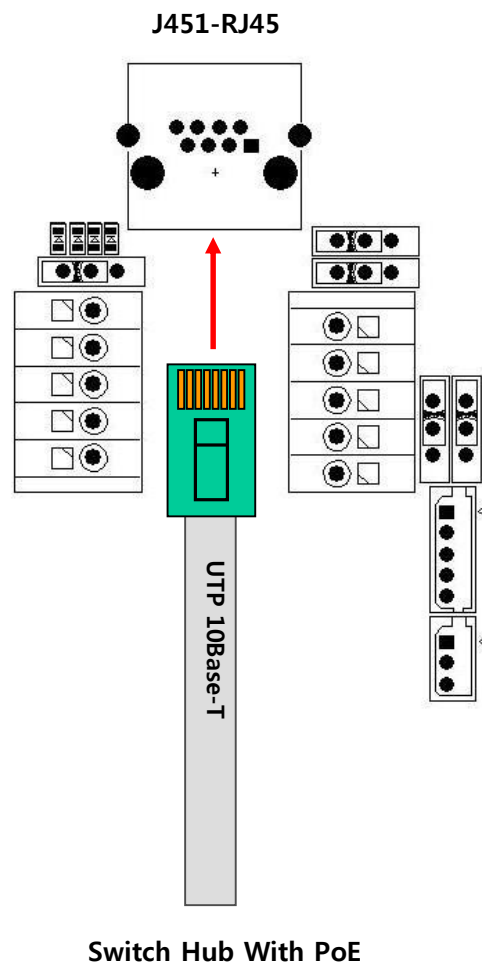
2-1. Connecting Ethernet (LAN) Cable



**** UTP Connector**

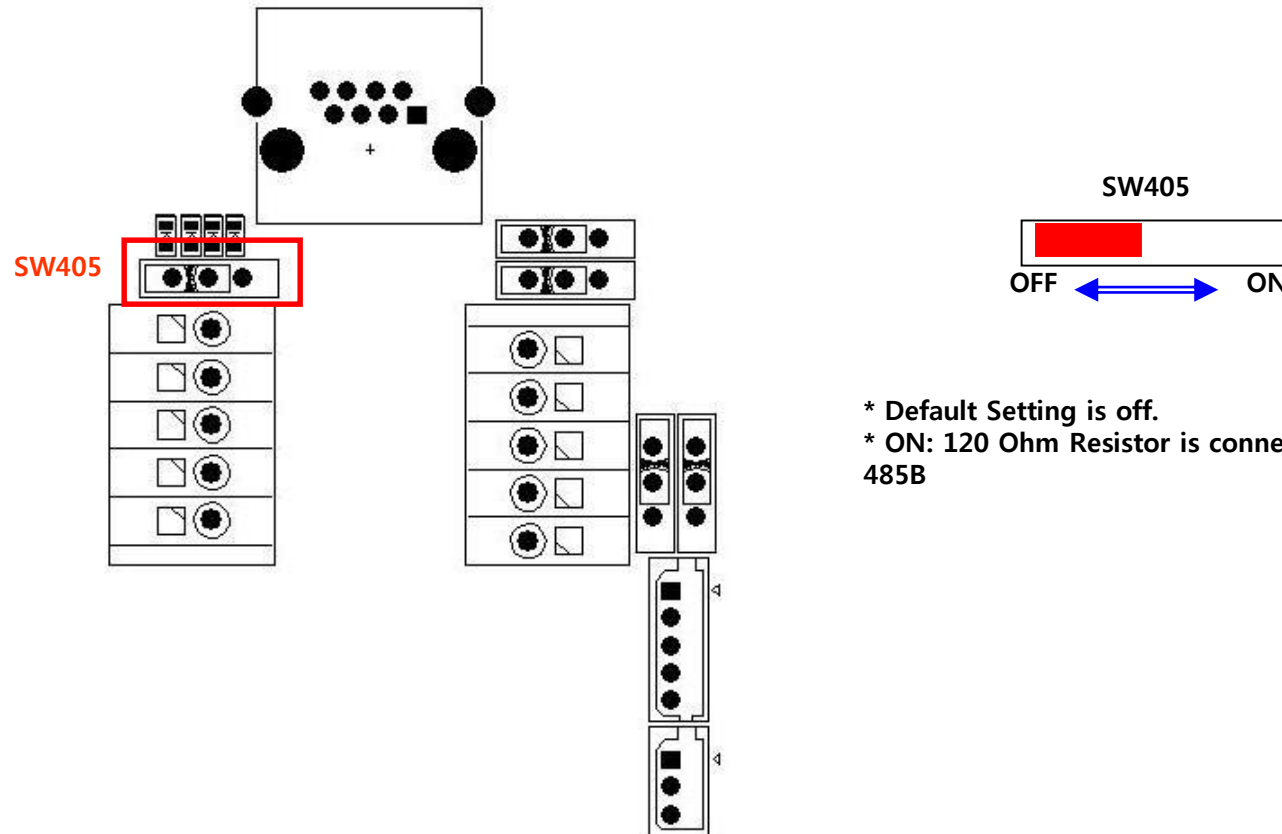


2-2. Connecting Ethernet (LAN) Cable For PoE



- When using PoE, you can't connect an electric lock together.
- When connecting an electric lock, you must use the 12v power adapter.
- You can only use PoE with 7.3, 8.1, 8.2 & 11 Types (no powered contact)

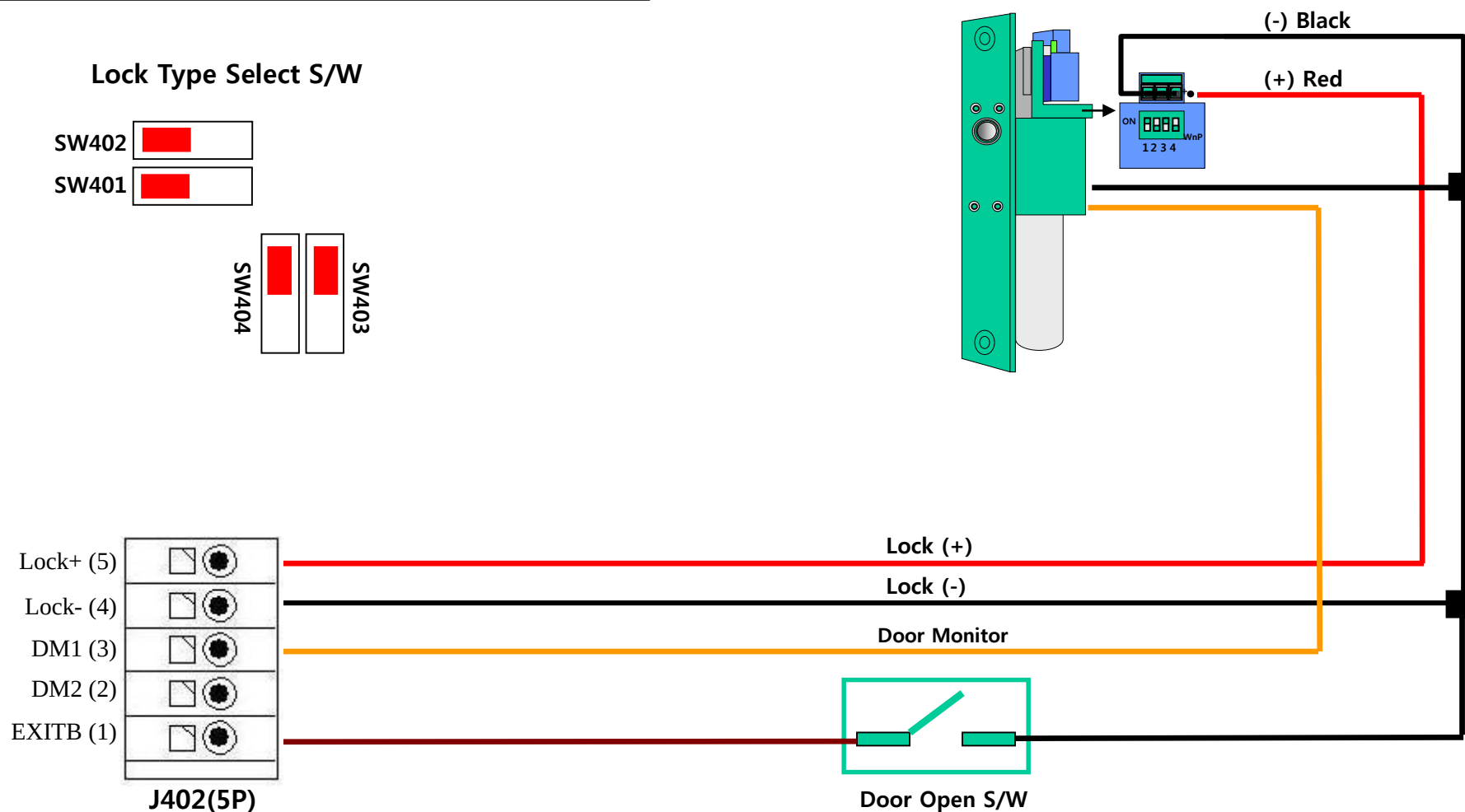
3. Resistor Setting for RS485 End Termination



- * Default Setting is off.
- * ON: 120 Ohm Resistor is connected between 485A and 485B

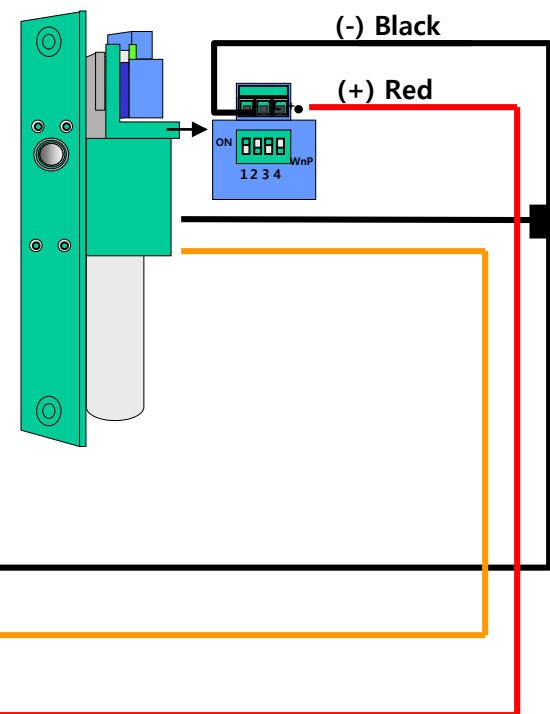
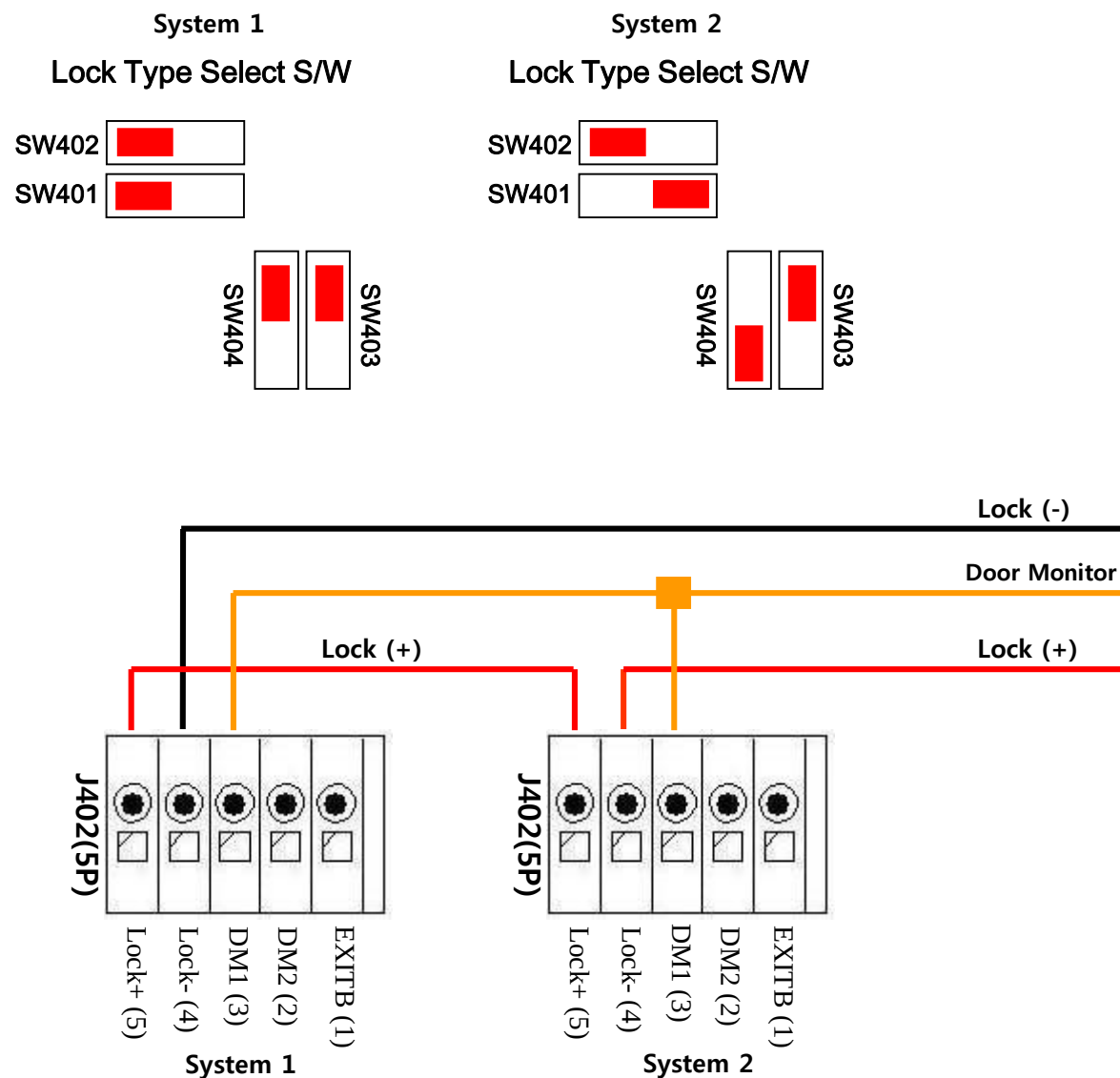
4. Connecting a Dead-Bolt Type Door Lock (Fail Safe)

4.1. Connecting One System/ One Lock



4. Connecting a Dead-Bolt Type Door Lock (Fail Safe)

4.2. Connecting Two Systems/ One Lock



The logo for Union Community, featuring the word "UNION" in large, bold, green capital letters with horizontal lines through the letters, and the word "COMMUNITY" in smaller, dark blue capital letters below it.

Lock Type Select S/W

10/10/2019

SW404

SW403






J402(5P)

Lock (-)

Door Monitor

Door Open S/W

(+) Red

UNION
COMMUNITY

System 1

Lock Type Select S/W

SW402

SW401

SW404

SW403

System 2

Lock Type Select S/W

SW402

SW401

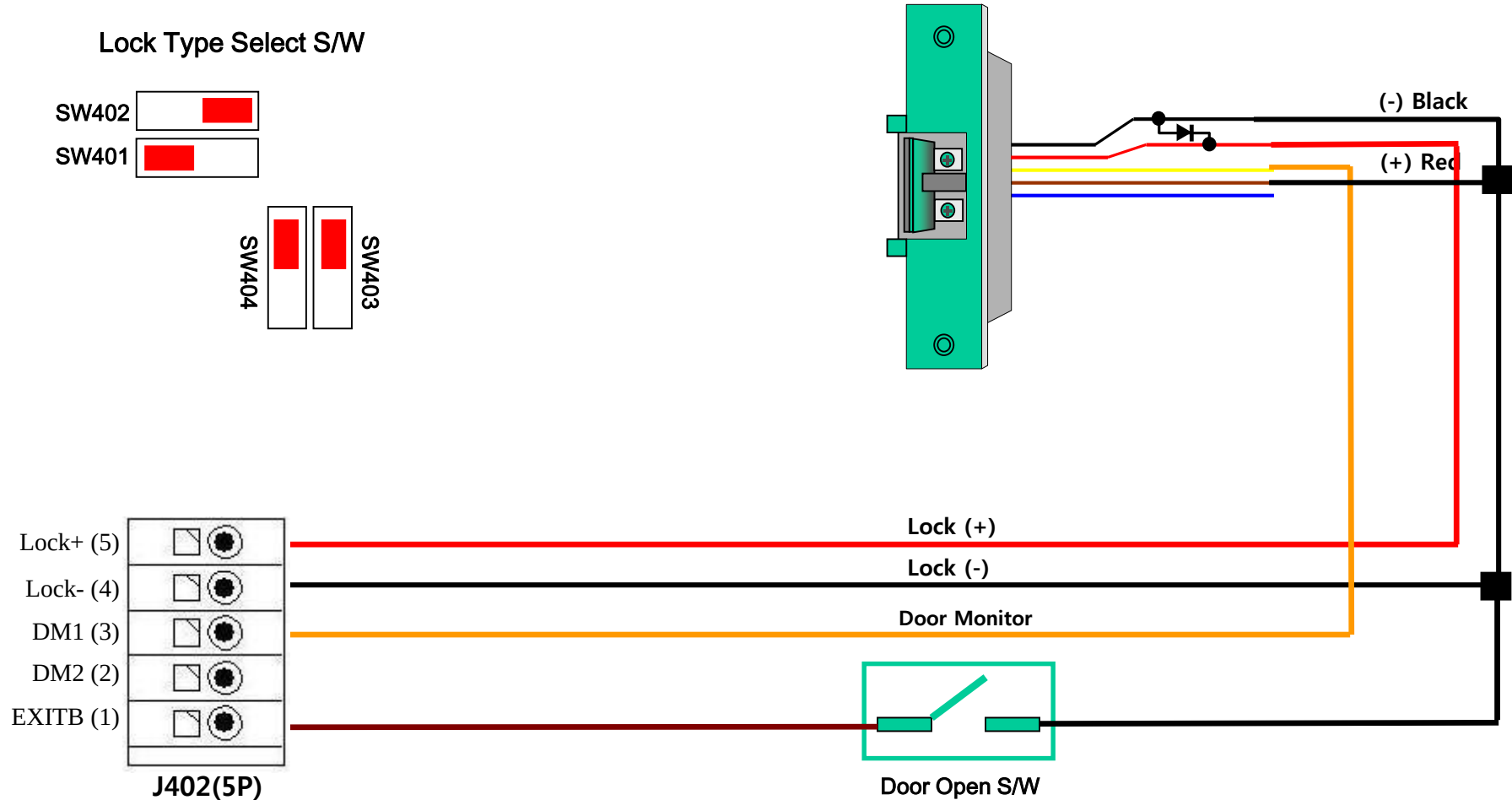
SW404

SW403



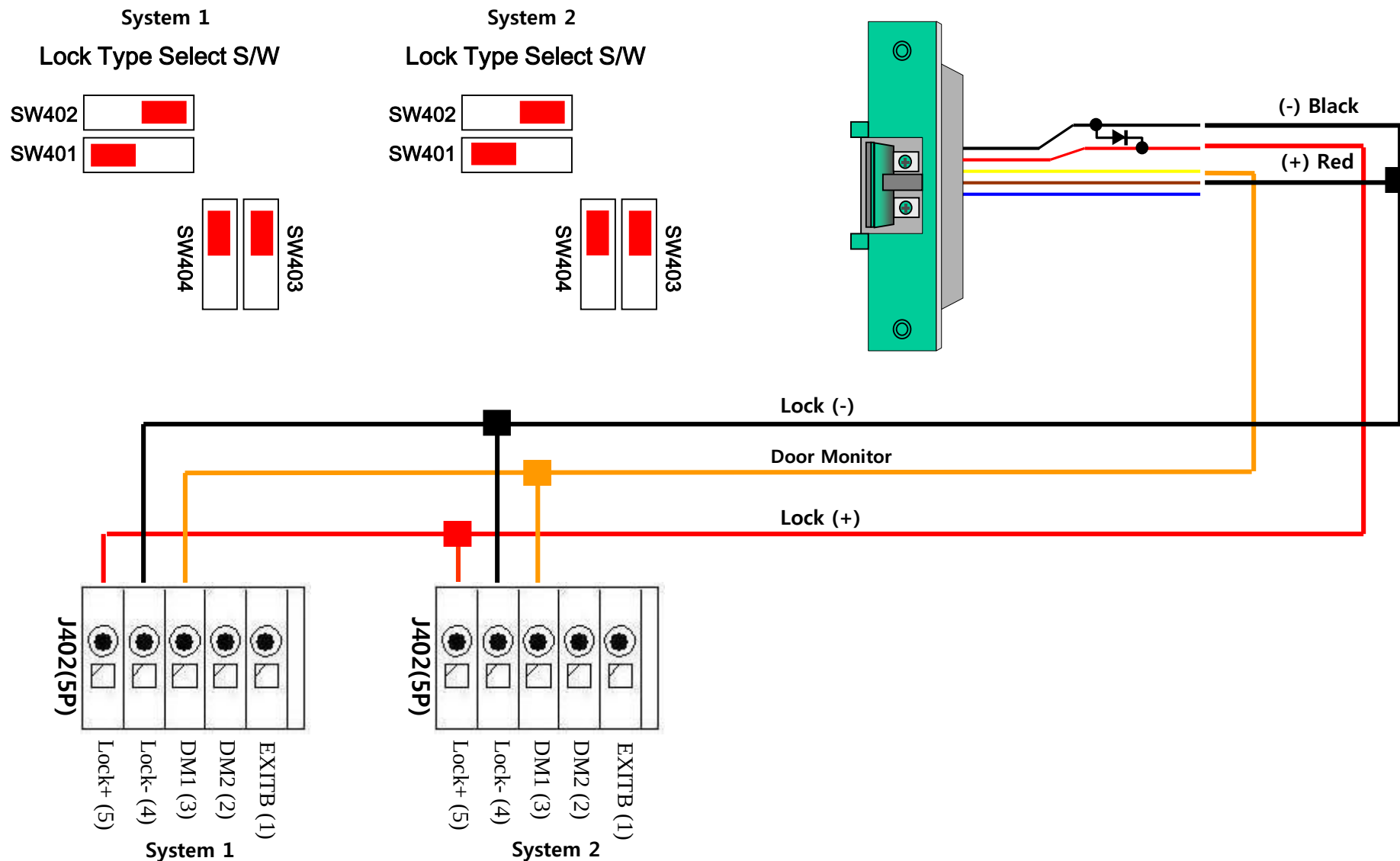
6. Connecting a Strike Type Door Lock (Fail Secure)

6.1. Connecting One System/ One Lock



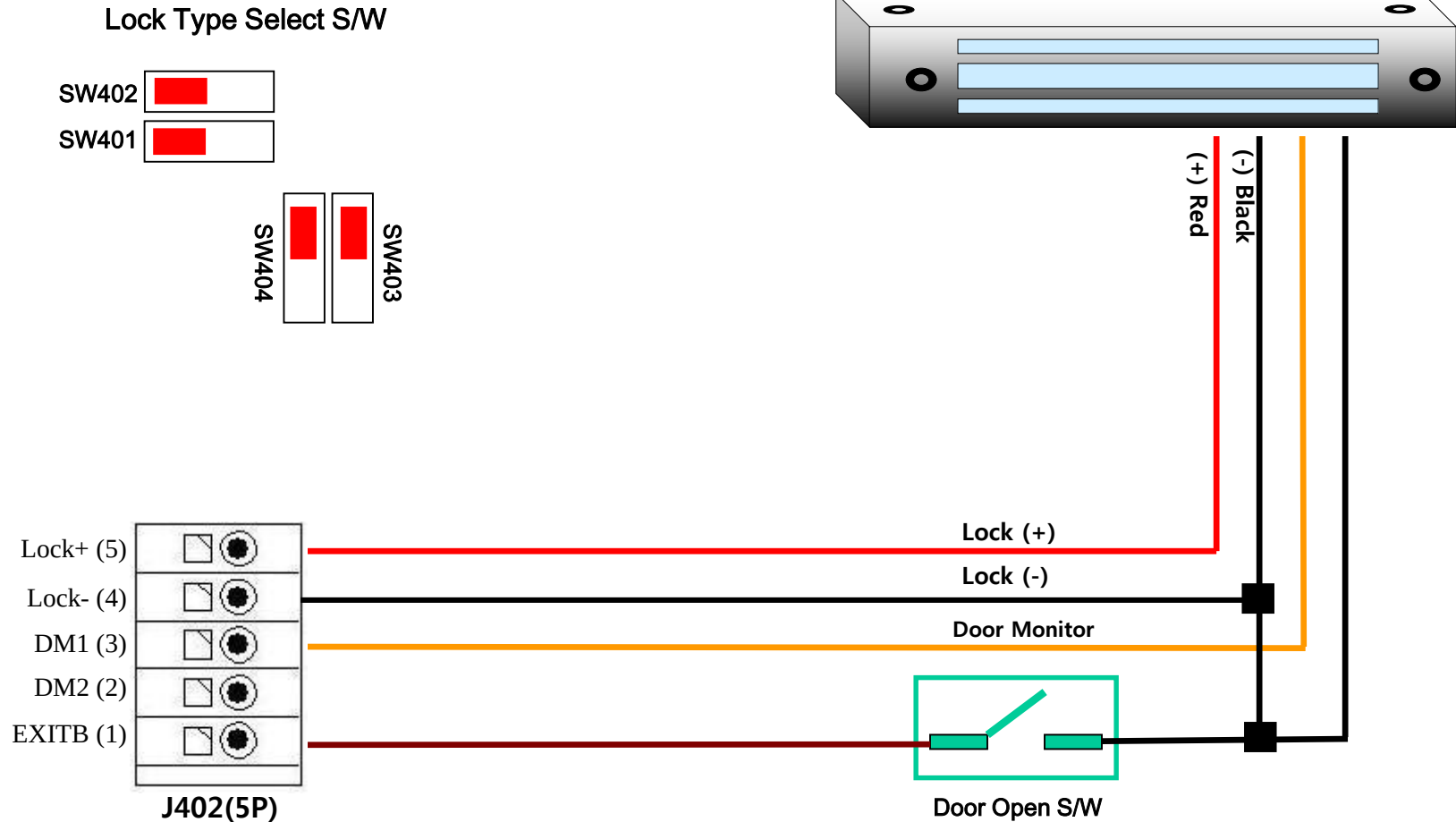
6. Connecting a Strike Type Door Lock (Fail Secure)

6.2. Connecting Two Systems/ One Lock



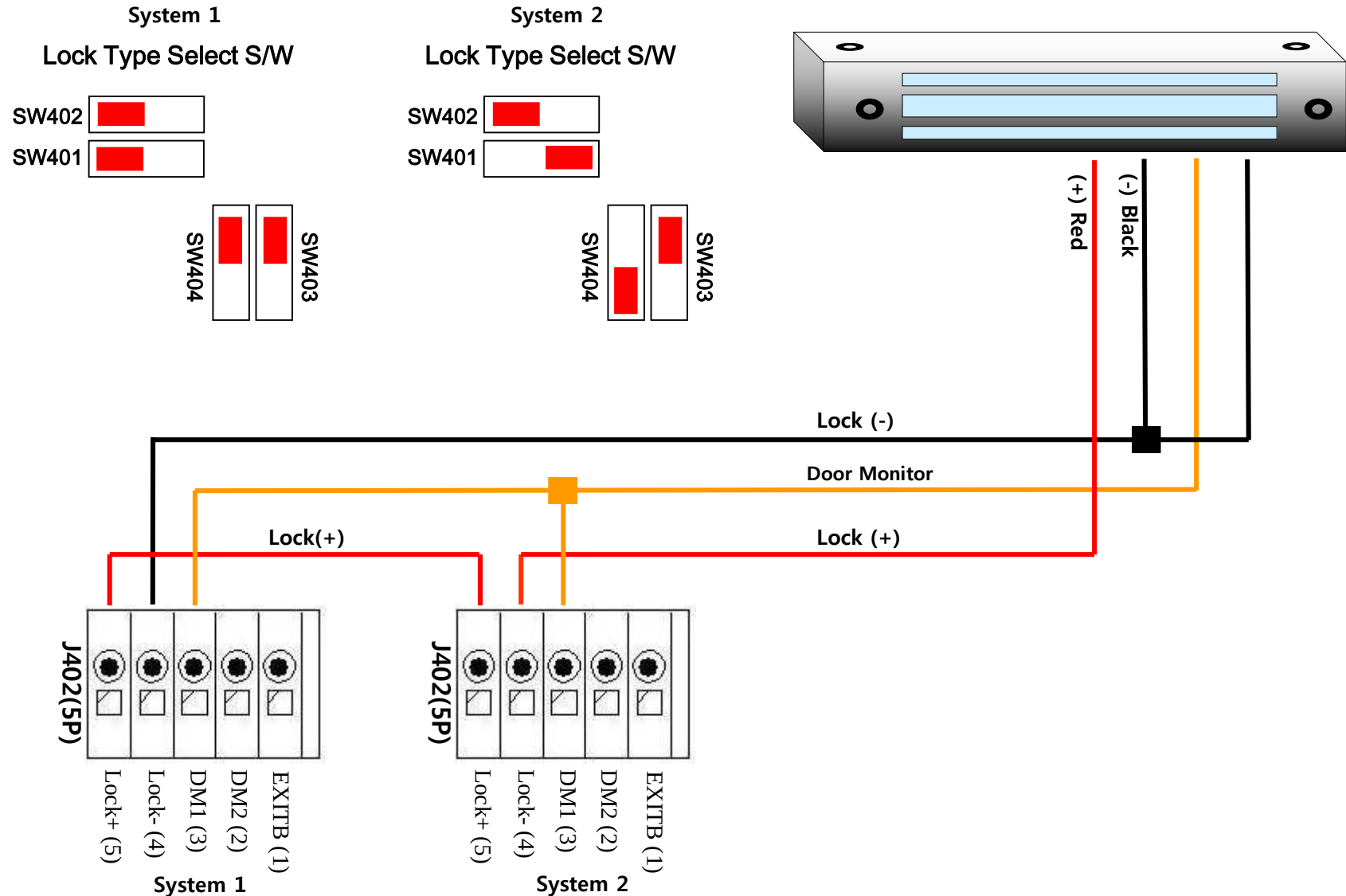
7. Connecting an EM Type Door Lock (Fail Safe)

7.1. Connecting One System/ One Lock



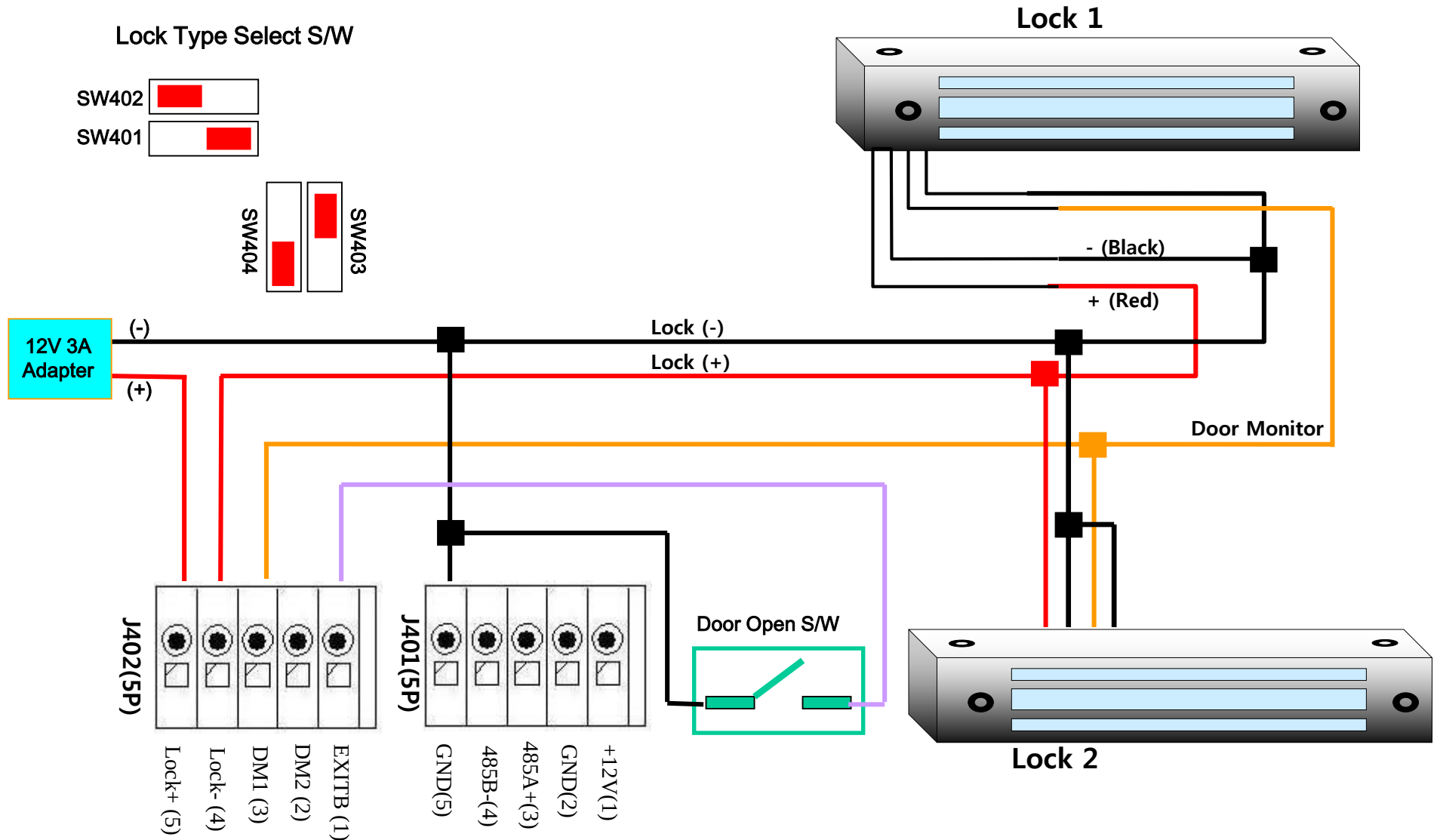
7. Connecting an EM Type Door Lock (Fail Safe)

7.2. Connecting Two Systems/ One Lock



7. Connecting an EM Type Door Lock (Fail Safe)

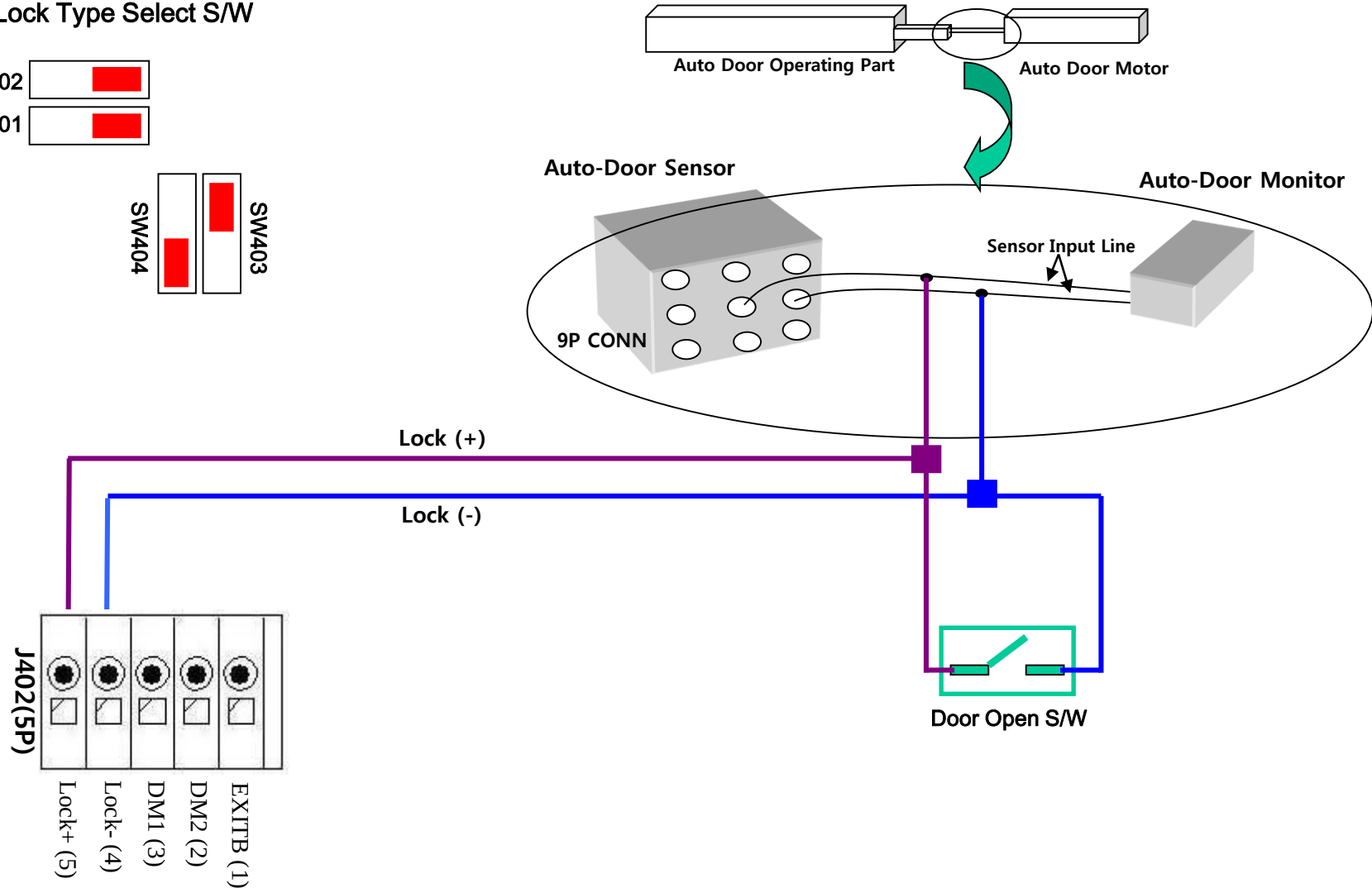
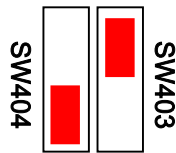
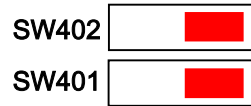
7.3. Connecting One System/ Two Locks “Use external DC Power adapter”



8. Connecting Auto-Door (Contact Control)

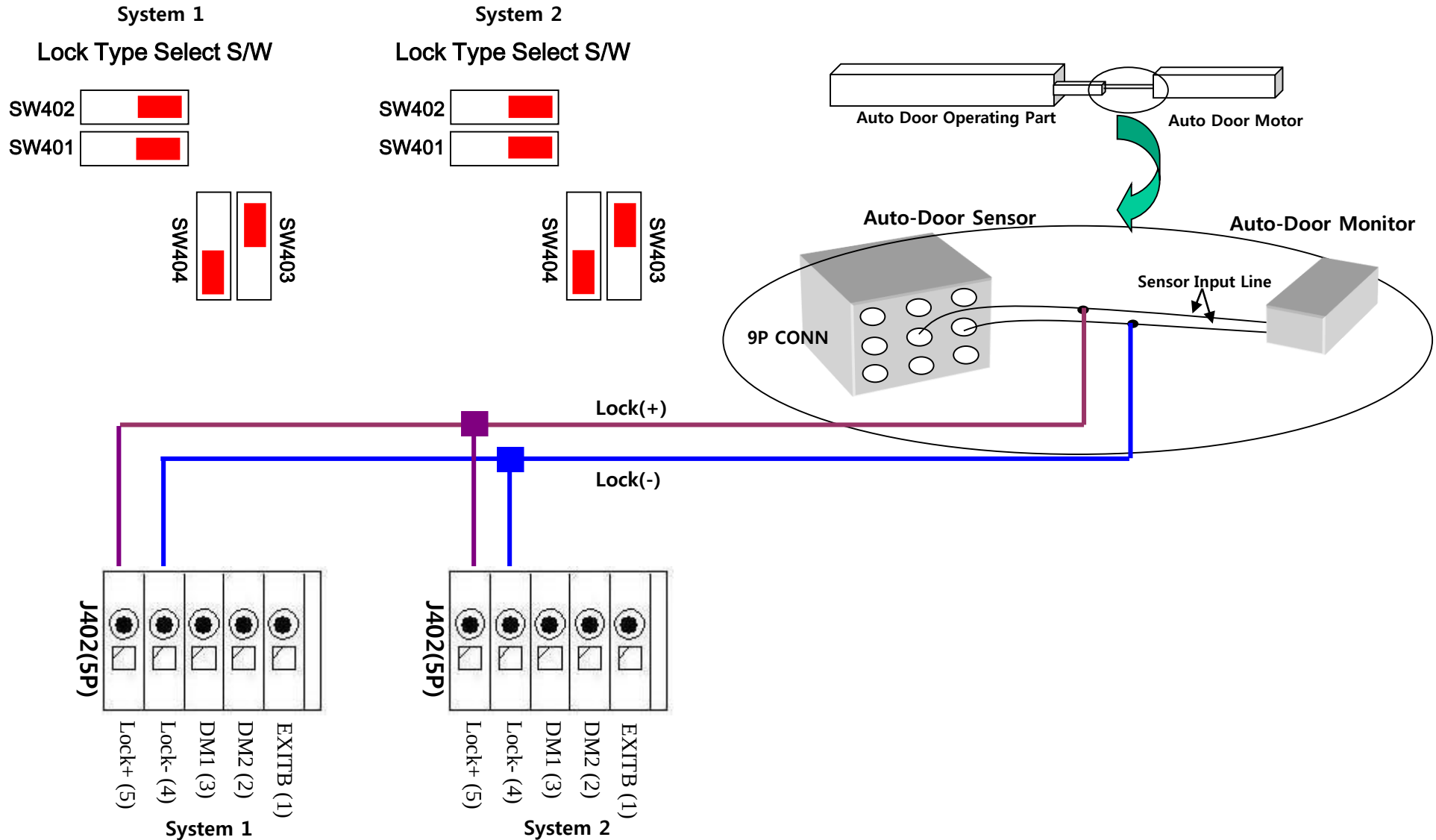
8.1. Connecting One System/ One Door

Lock Type Select S/W



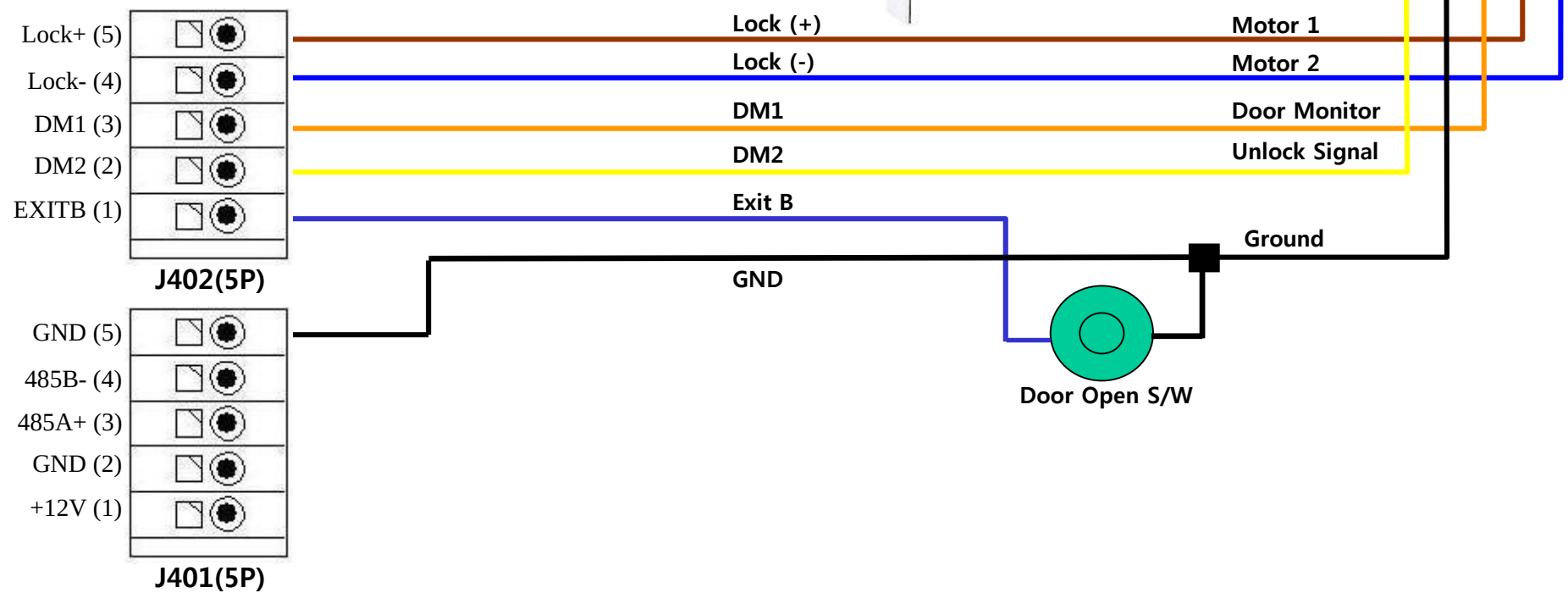
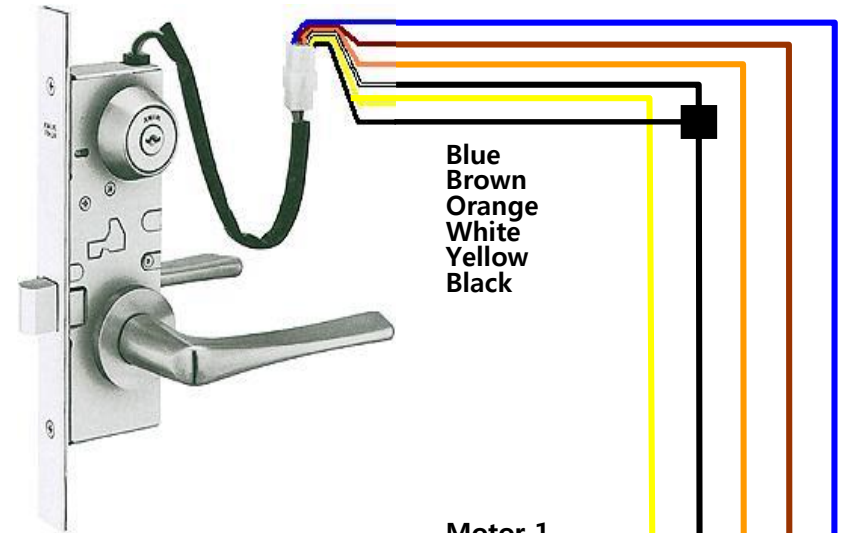
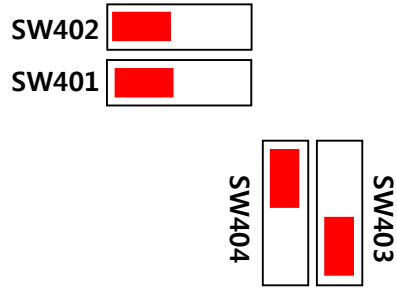
8. Connecting Auto-Door (Contact Control)

8.2. Connecting Two Systems/ One Door

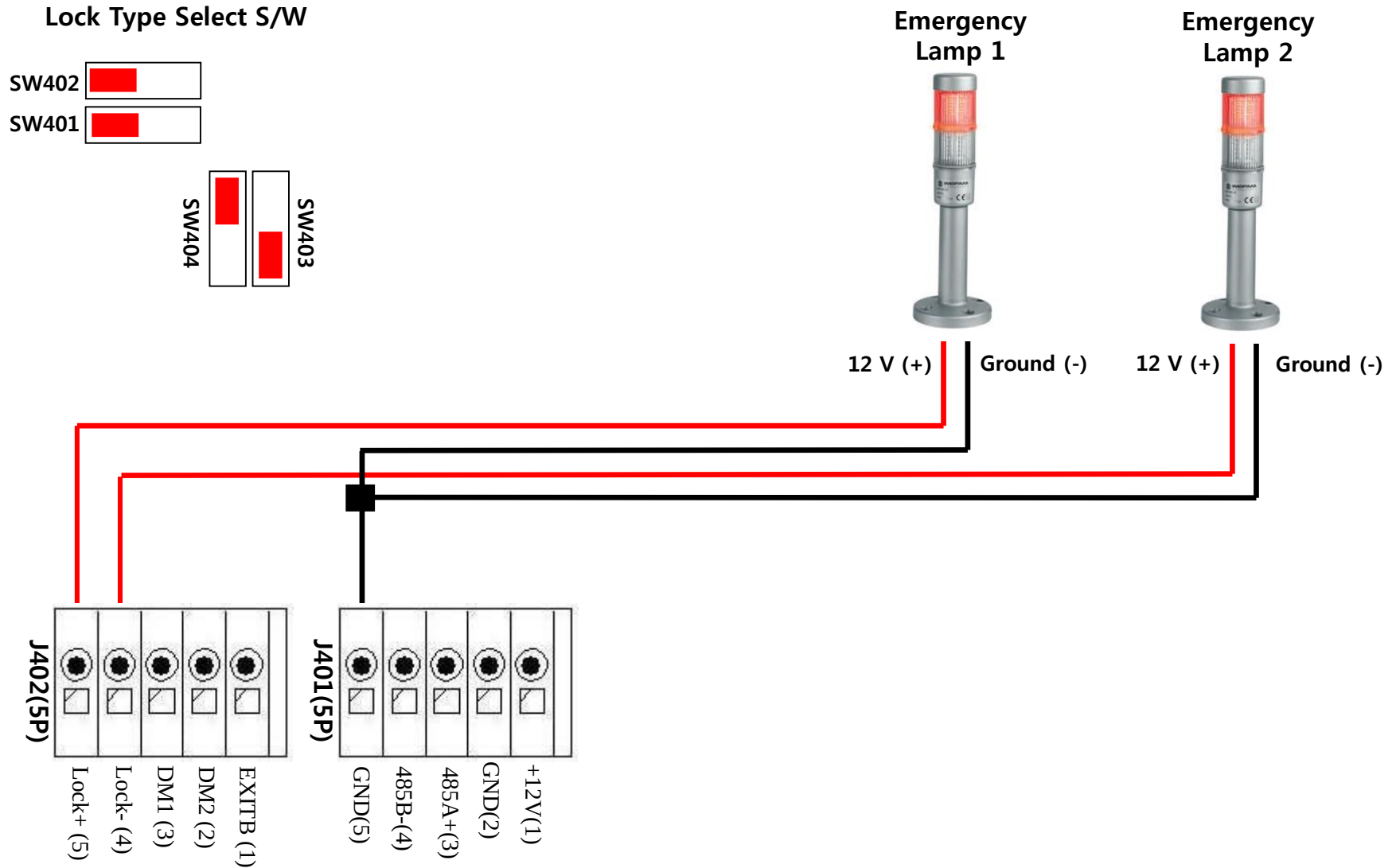


9. Connecting a Motorised Lock

Lock Type Select S/W



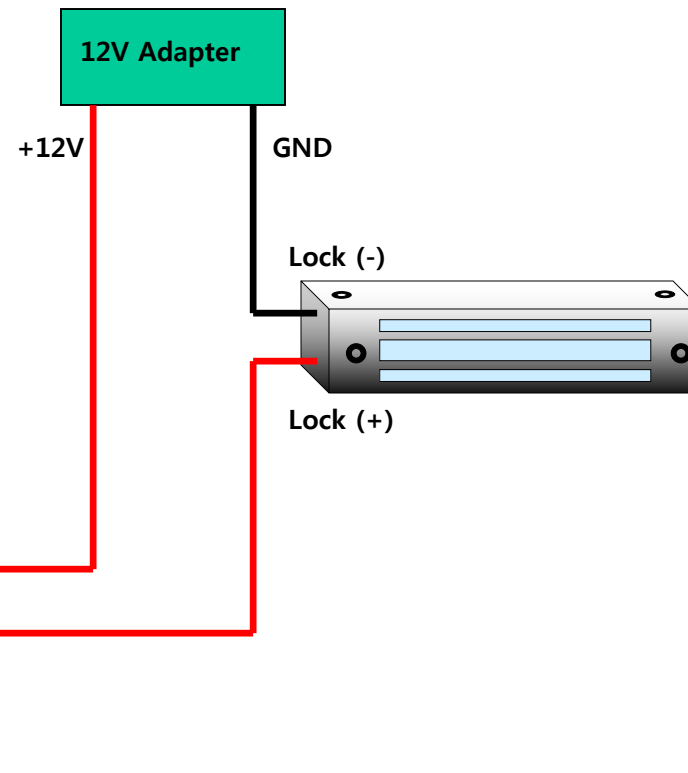
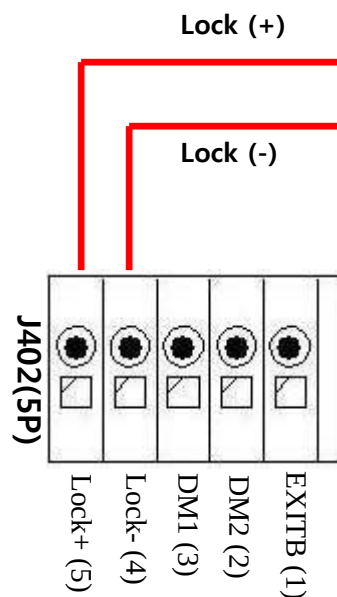
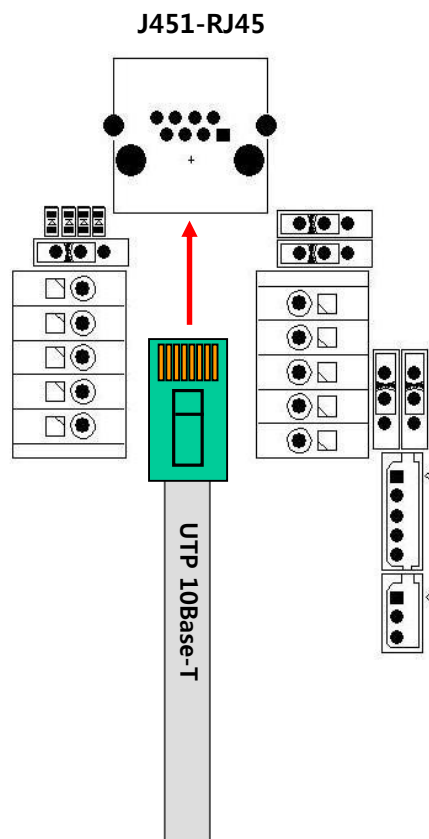
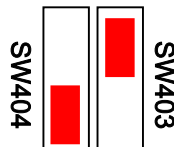
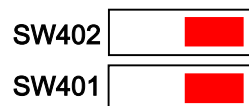
10. Connecting Two Emergency Lamps



11. Connecting an Electronic Lock with PoE

11.1. Normally Open Type

Lock Type Select S/W



11. Connecting Electronic Lock With PoE

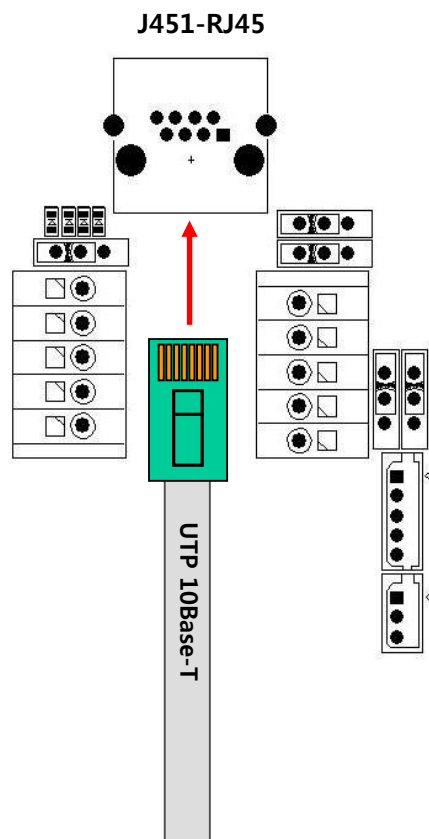
11.2. Normally Closed Type

Lock Type Select S/W

SW402 

SW401 

SW404  SW403 



Switch Hub With
PoE

