
Installation & Wiring Guide

FingerPrint Terminal

AC-2200



Doc. Ver. : V1.3

JUN.,28.2016

R&D Center

Union Community Co., Ltd.

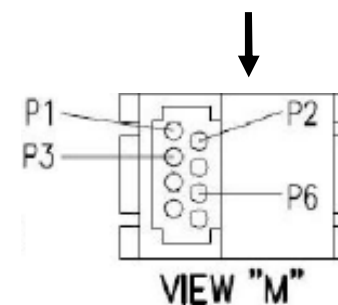
1. Cable Descriptions



1. Orange : EXIT : EXT
2. Yellow : DM0 : DM0
3. Green : DM1 : DM1
4. Blue : DM2 : DM2
5. Black : Gnd : GND
6. Red : 5V : 5V
7. Black : Gnd : GND
8. Green : RS485A : R4A
9. Blue : RS465B : R4B

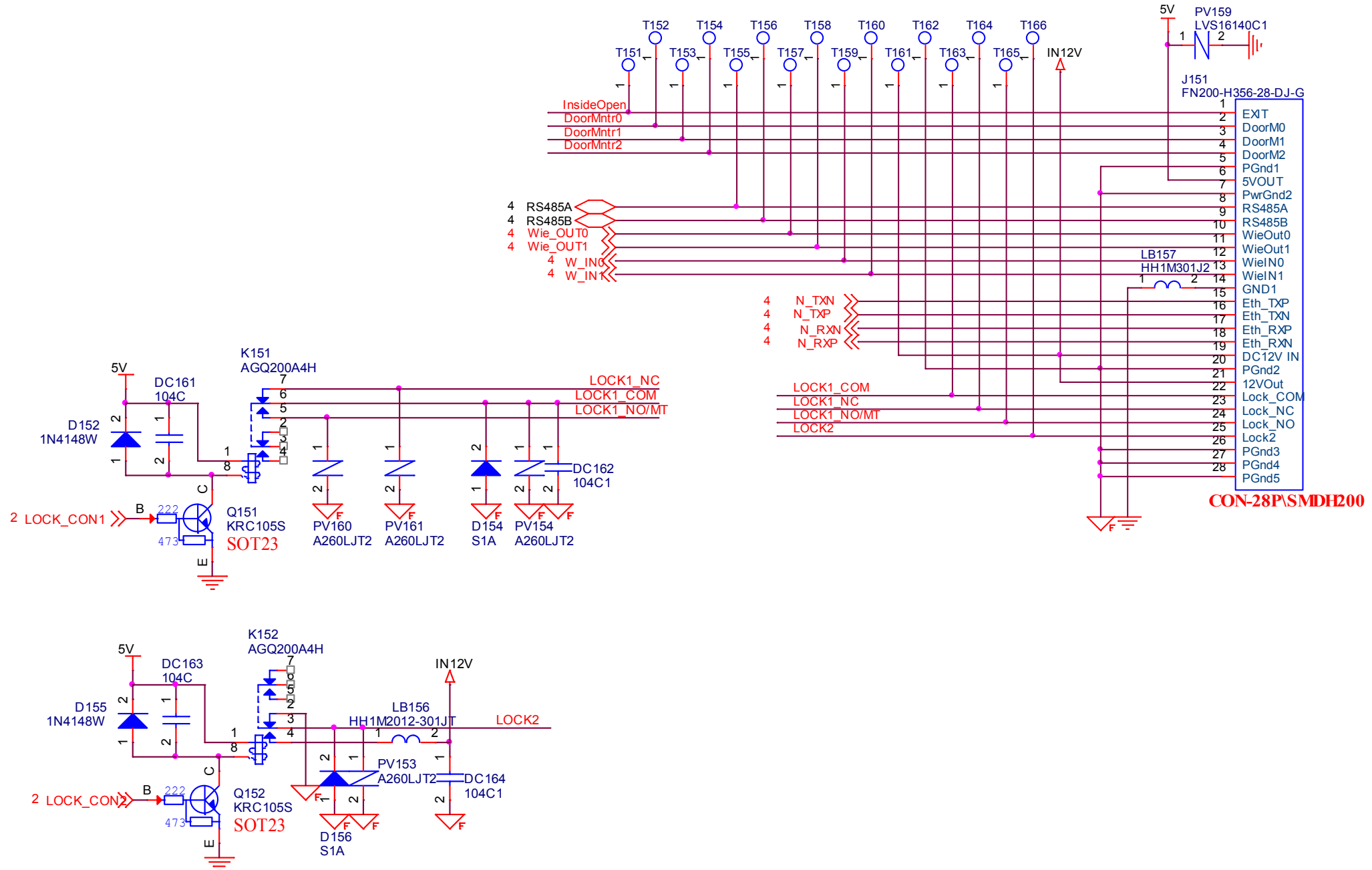
10. Orange : WieOut0 : WO0
11. Yellow : WieOut1 : WO1
12. Brown : WieIN0 : WI0
13. Pink : WieIN1 : WI1
14. Black : Gnd : GND
15. Black : E_TXP
16. Blue : E_TXN
17. Yellow : E_RXP
18. Green : E_RXN
19. Red : 12V IN : 12V
20. Black : Gnd : GND

21. Red : 12V Out : 12V
22. Gray : Lock 1 Com : L1C
23. Brown : Lock 1 NC : L1NC
24. White : Lock 1 NO : L1NO
25. Violet : Lock2 : L2
26. Black : Gnd : GND
27. Black : Gnd : GND
28. Black : Gnd : GND



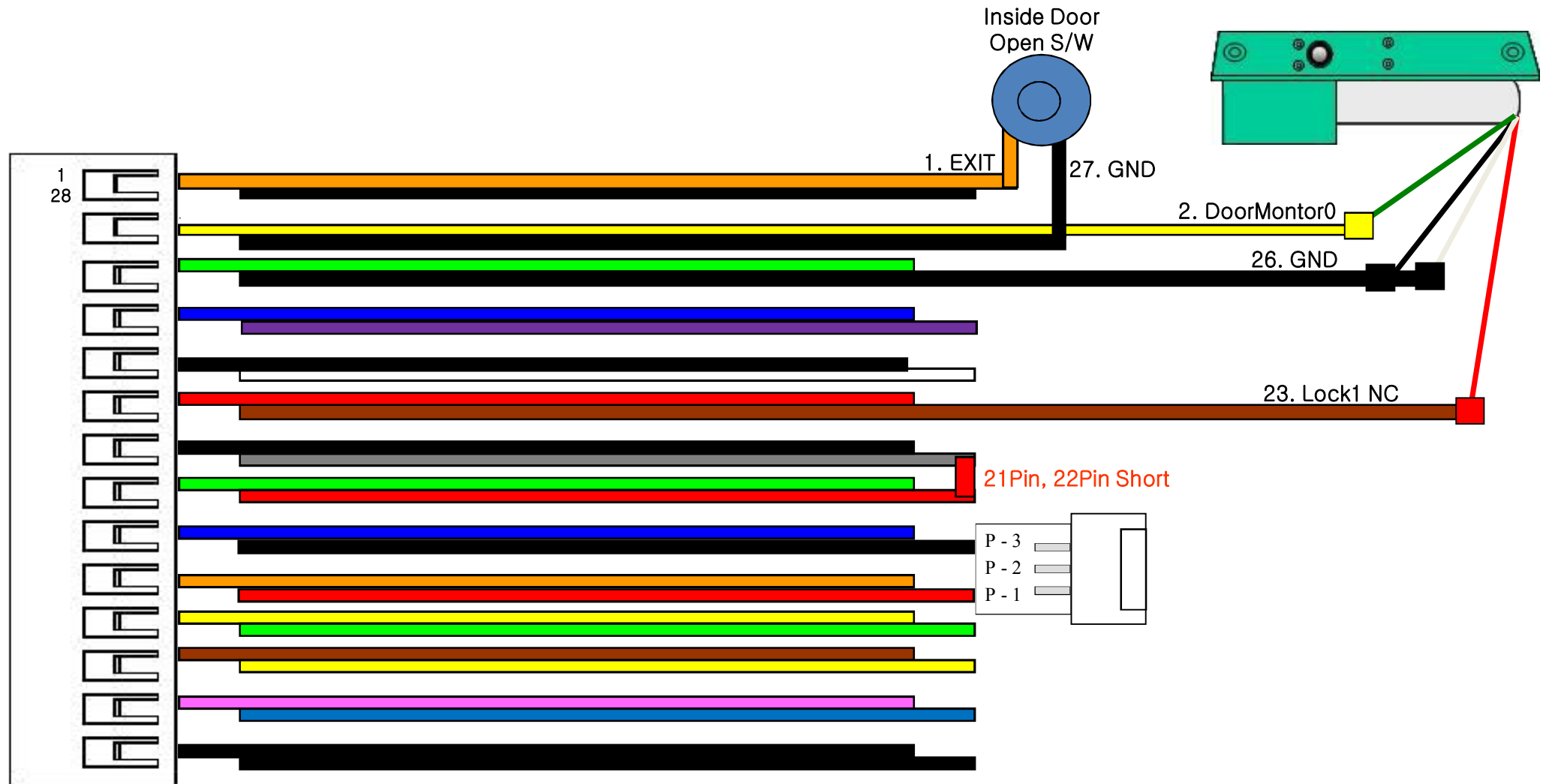
H3	Color	H1
P1	Black	I5
P2	Blue	I6
P3	Yellow	I7
P4	-	-
P5	-	-
P6	Green	I8
P7	-	-
P8	-	-

2. Schematic for Door Lock Interface



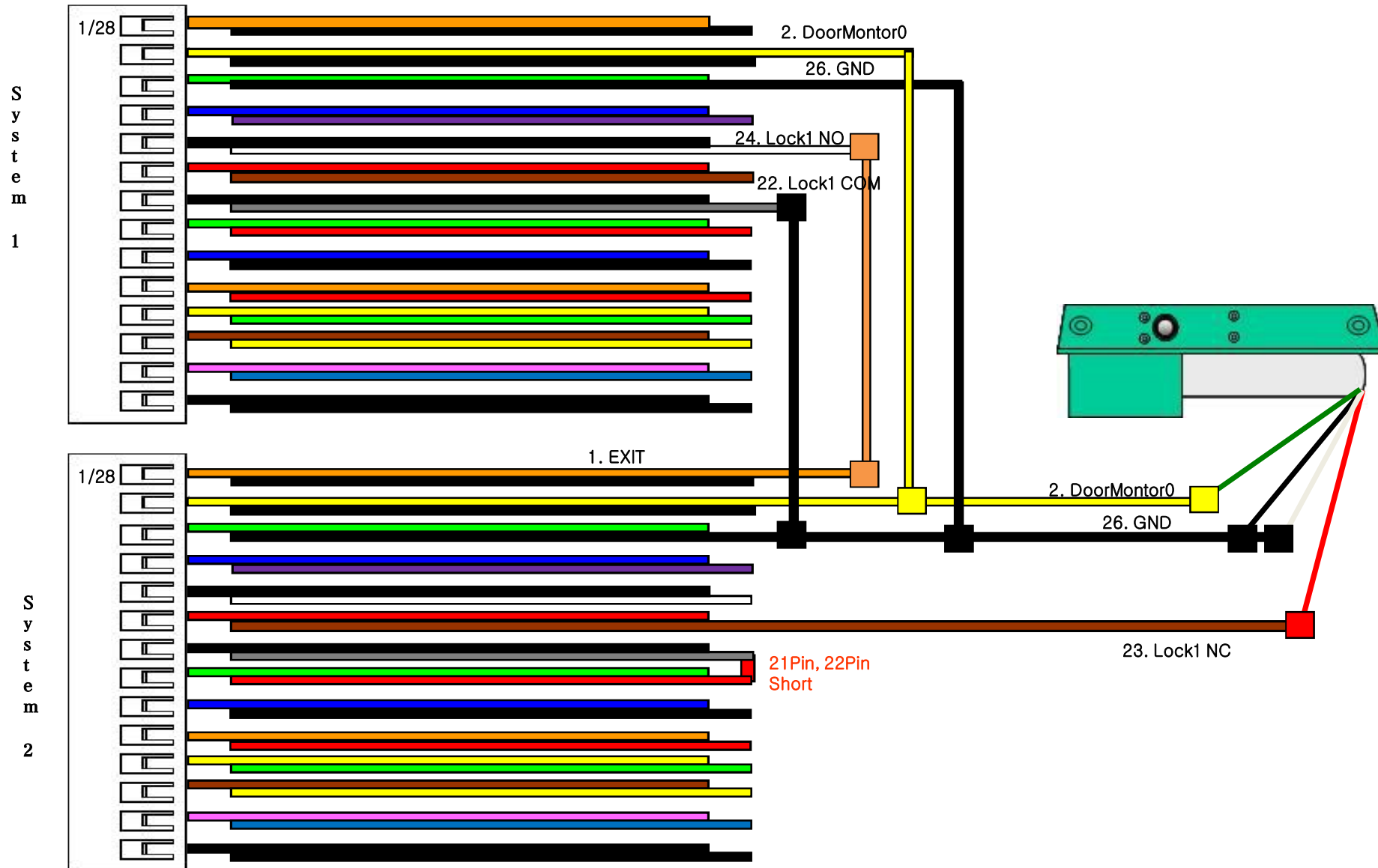
3. Connecting Dead-Bolt Type Door Lock (Fail Safe)

3.1. Connecting One System/ One Lock



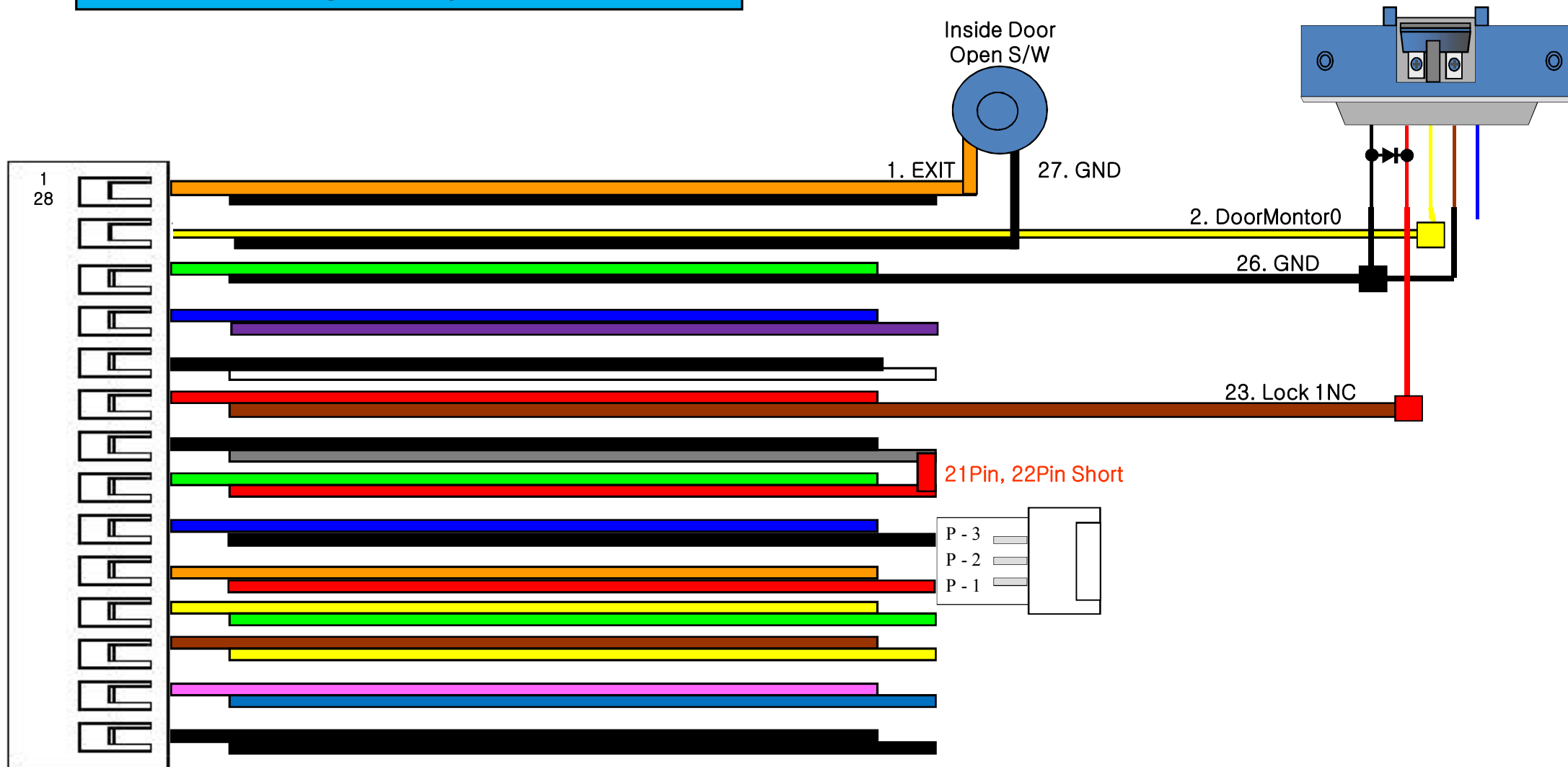
3. Connecting Dead-Bolt Type Door Lock (Fail Safe)

3.2. Connecting Two Systems/ One Lock



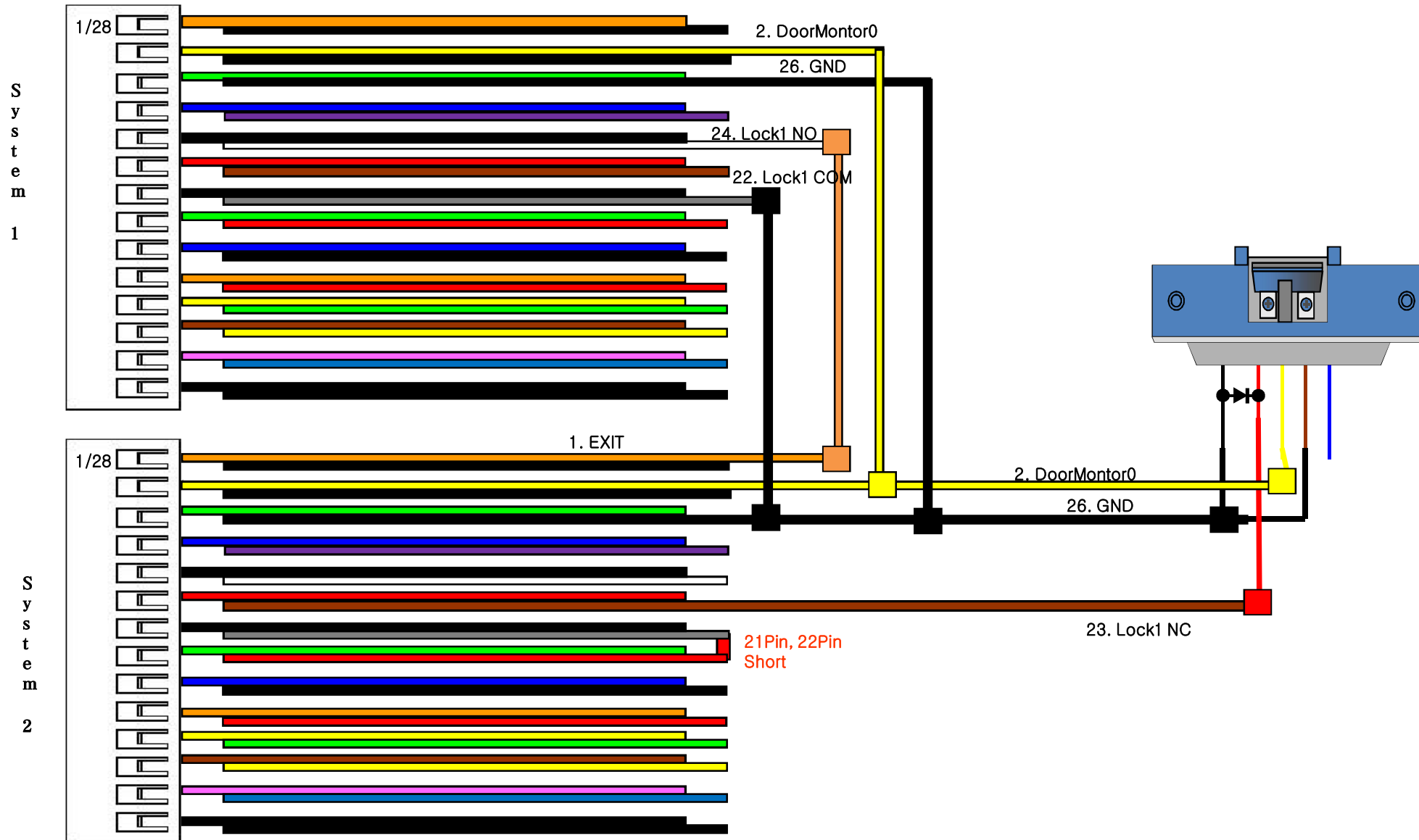
4. Connecting Strike Type Door Lock (Fail Safe)

4.1. Connecting One System/ One Lock



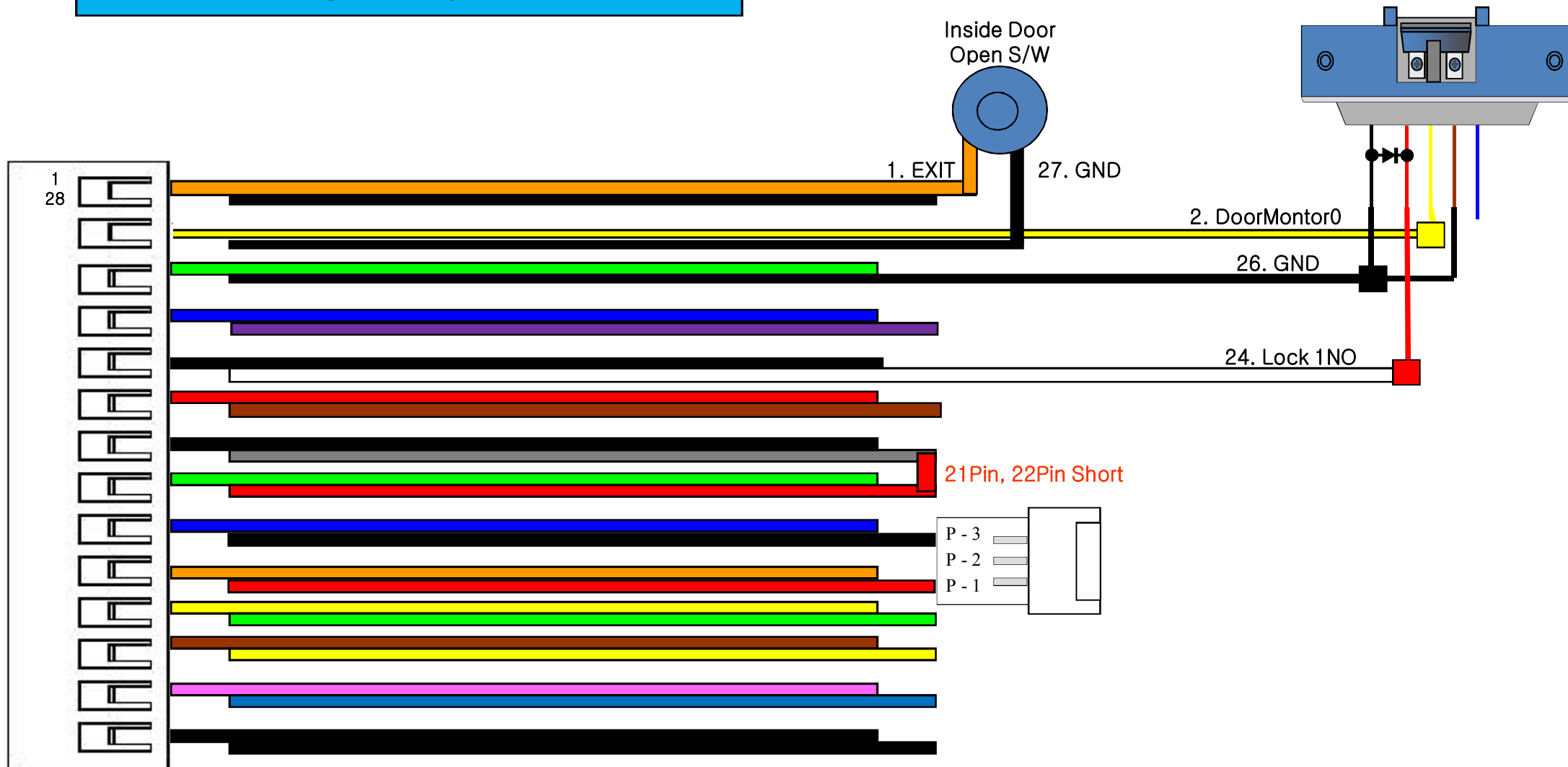
4. Connecting Strike Type Door Lock (Fail Safe)

4.2. Connecting Two Systems/ One Lock



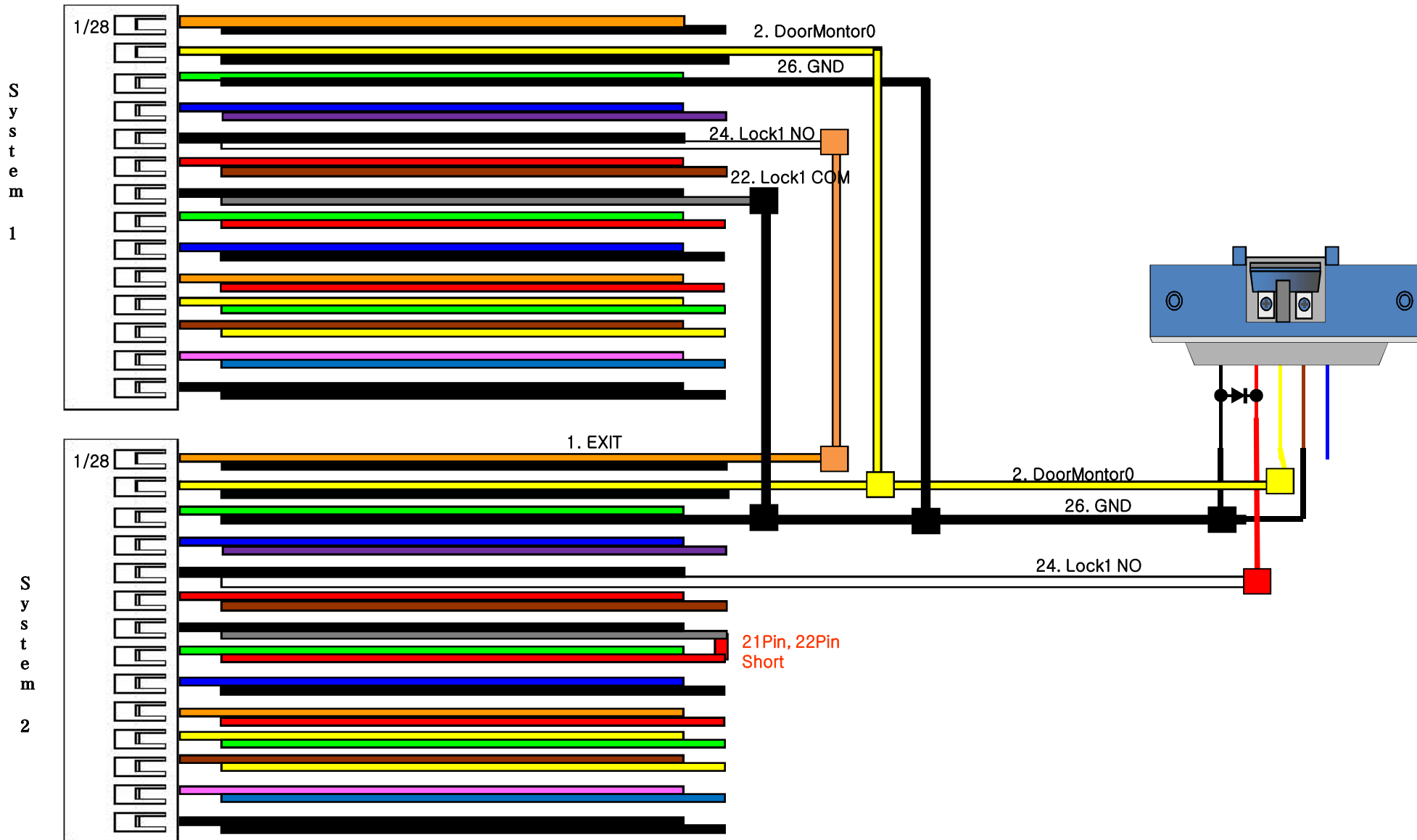
5. Connecting Strike Type Door Lock (Fail Secure)

5.1. Connecting One System/ One Lock



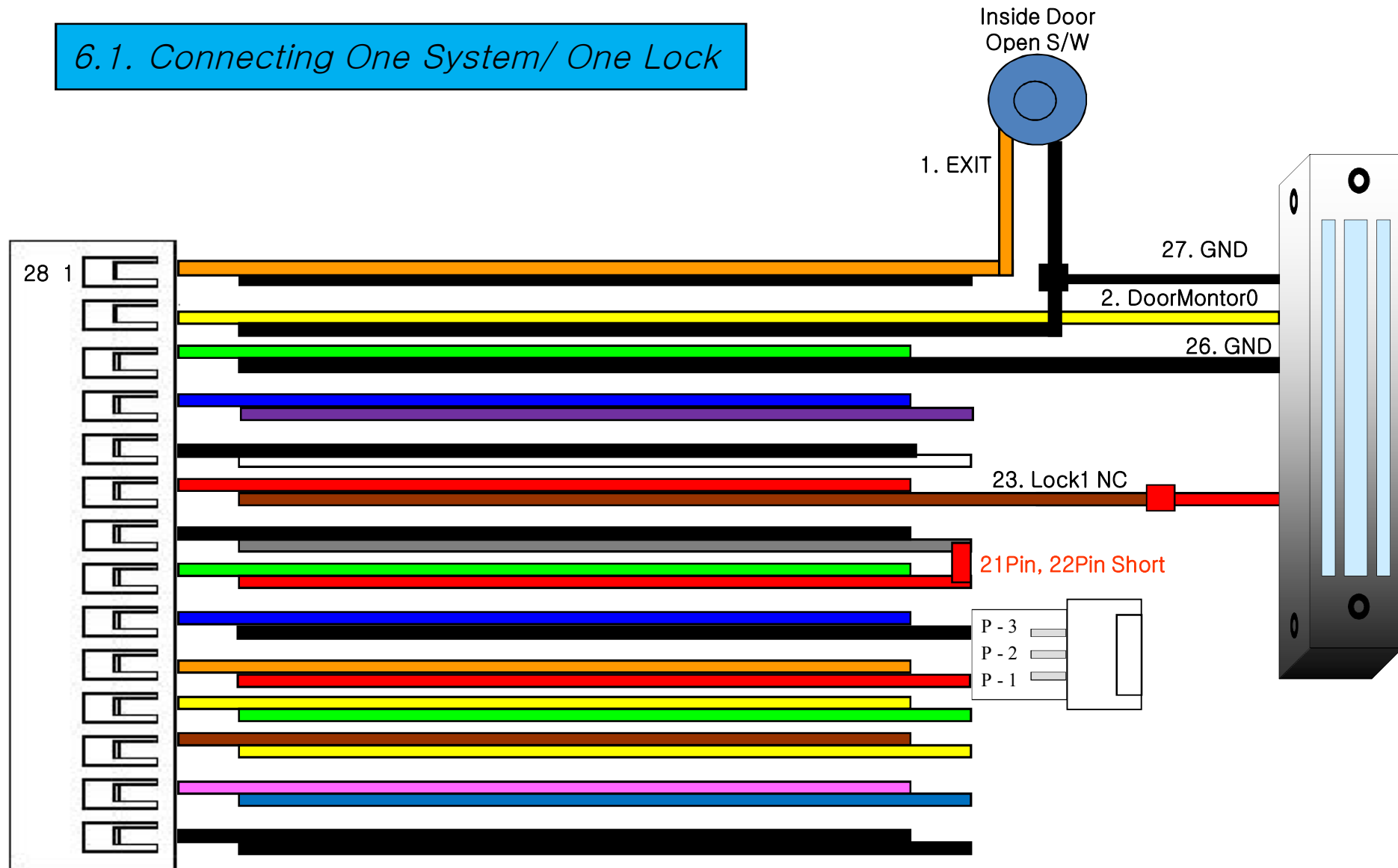
5. Connecting Strike Type Door Lock (Fail Secure)

5.2. Connecting Two Systems/ One Lock



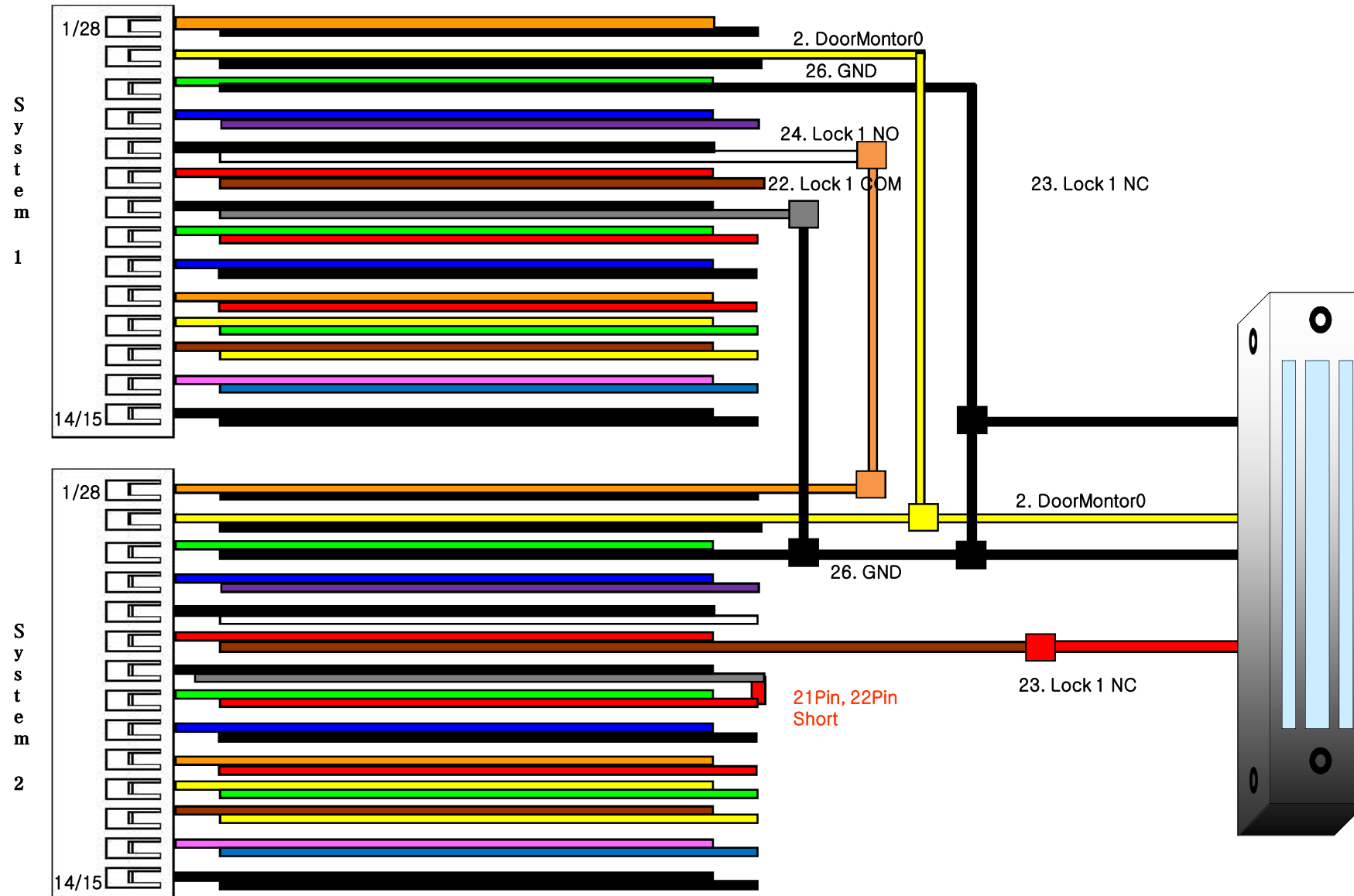
6. Connecting an EM Type Door Lock (Fail Safe)

6.1. Connecting One System/ One Lock



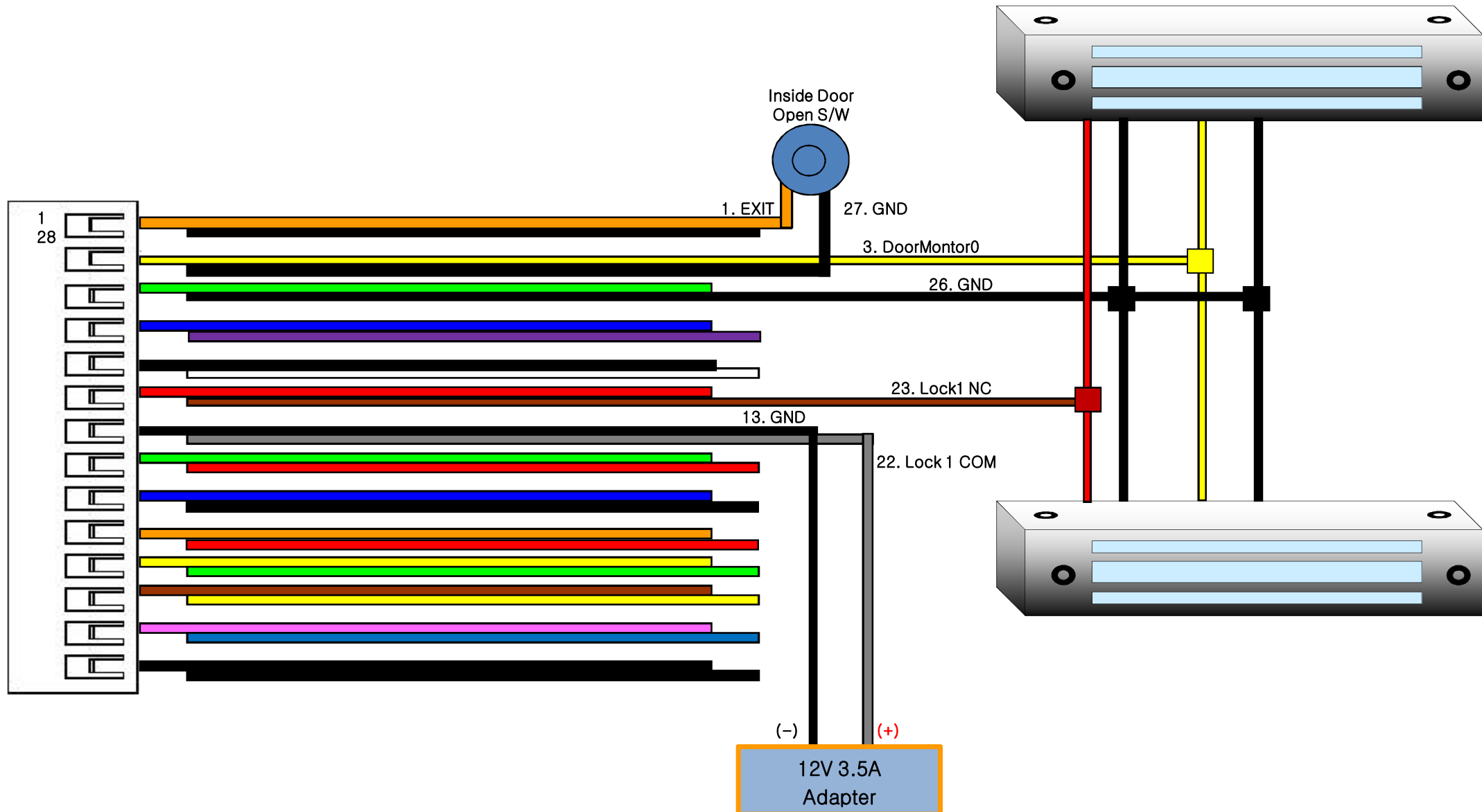
6. Connecting an EM Type Door Lock (Fail Safe)

6.2. Connecting Two Systems/ One Lock



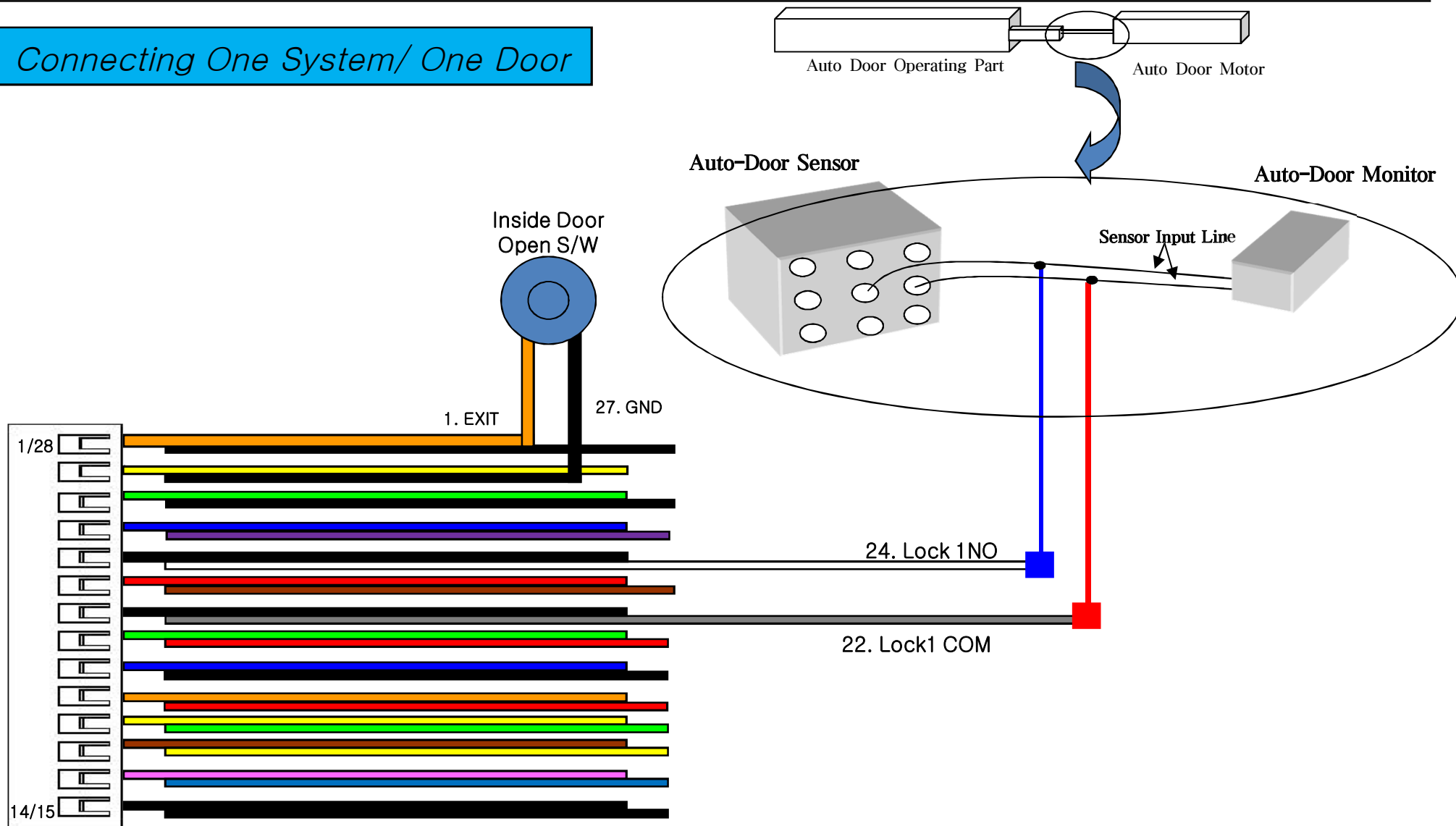
6. Connecting an EM Type Door Lock (Fail Safe)

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



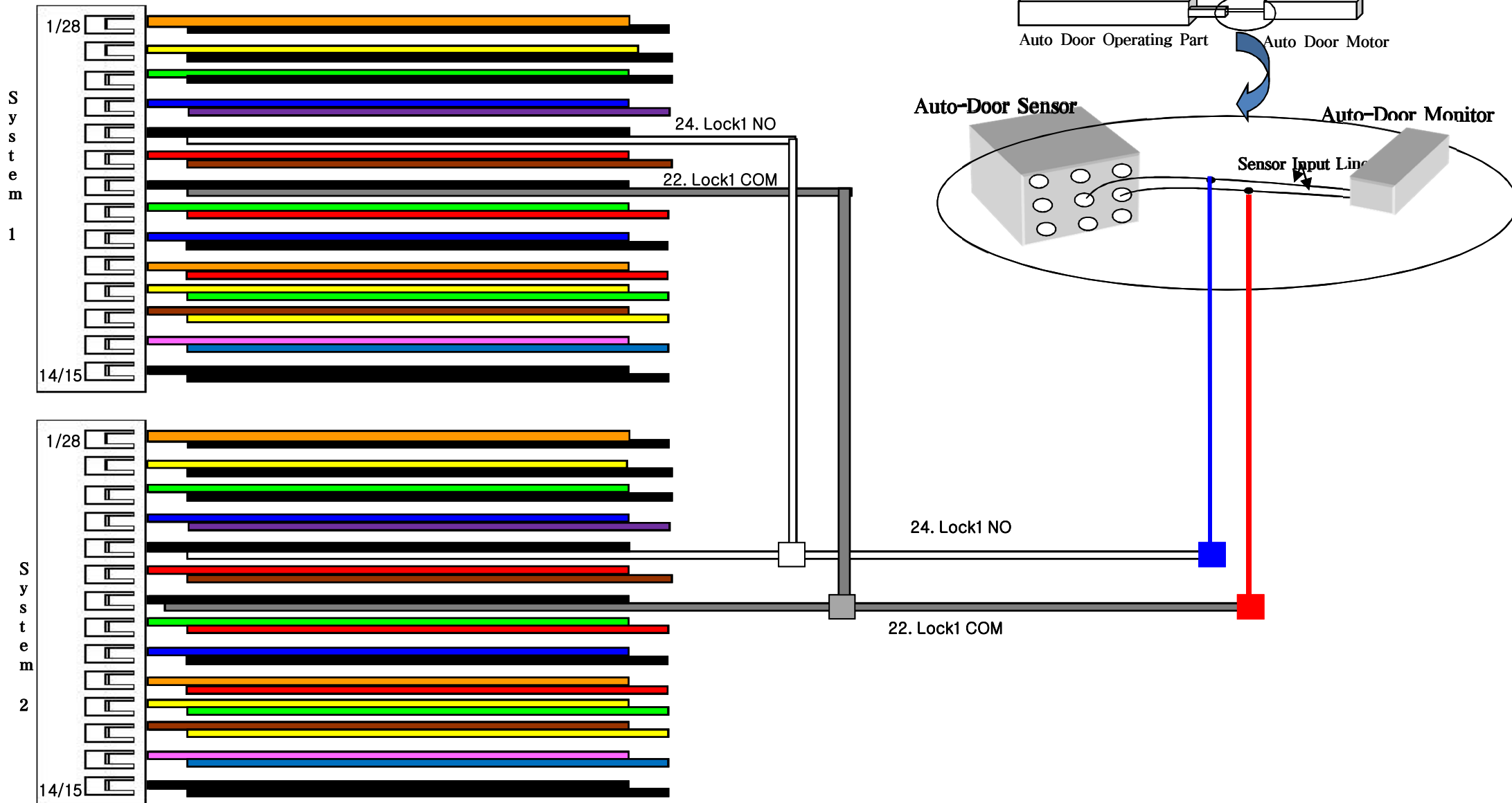
7. Connecting Auto-Door (Contact Control)

7.1. Connecting One System/ One Door

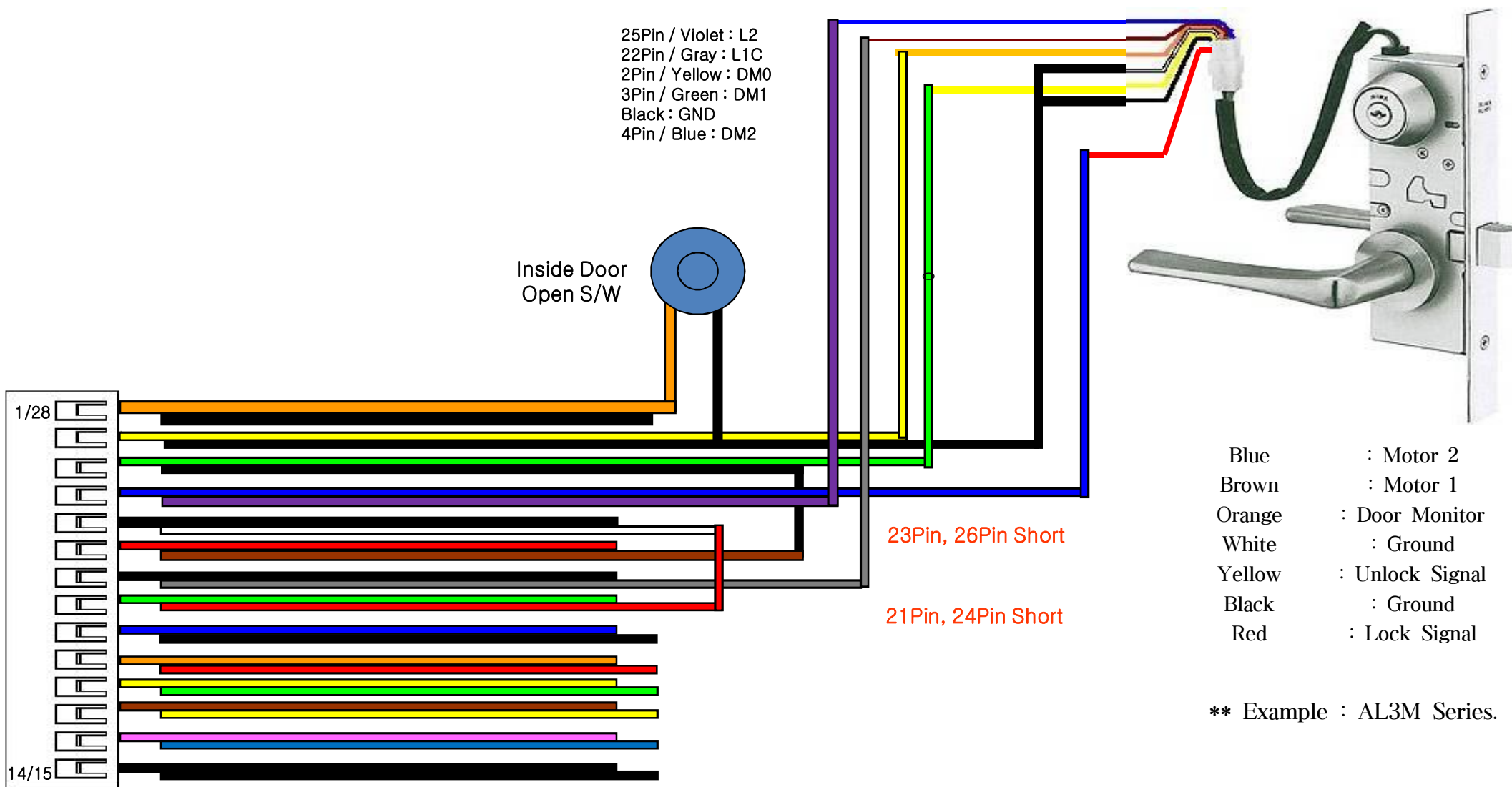


7. Connecting Auto-Door (Contact Control)

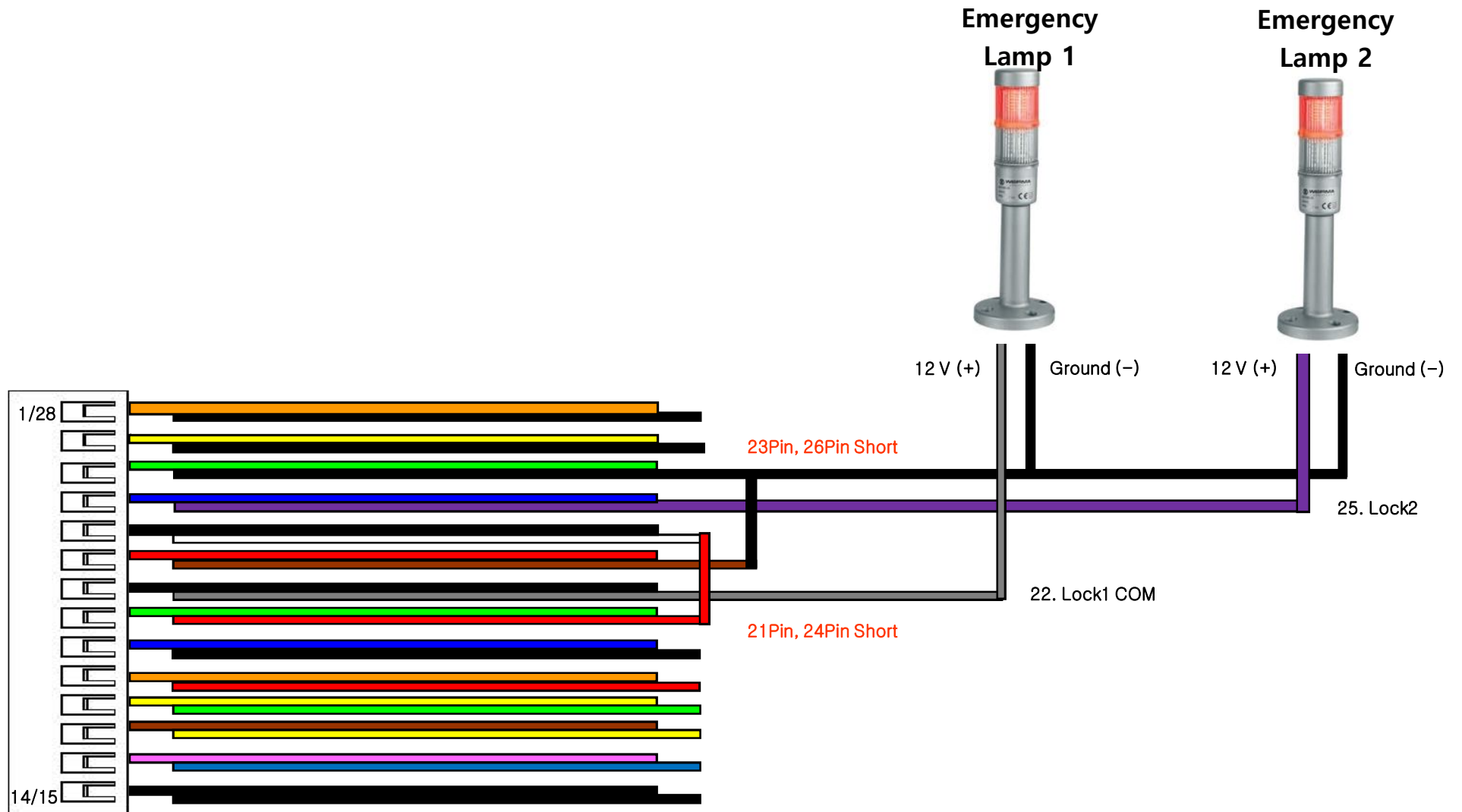
7.2. Connecting Two Systems/ One Lock



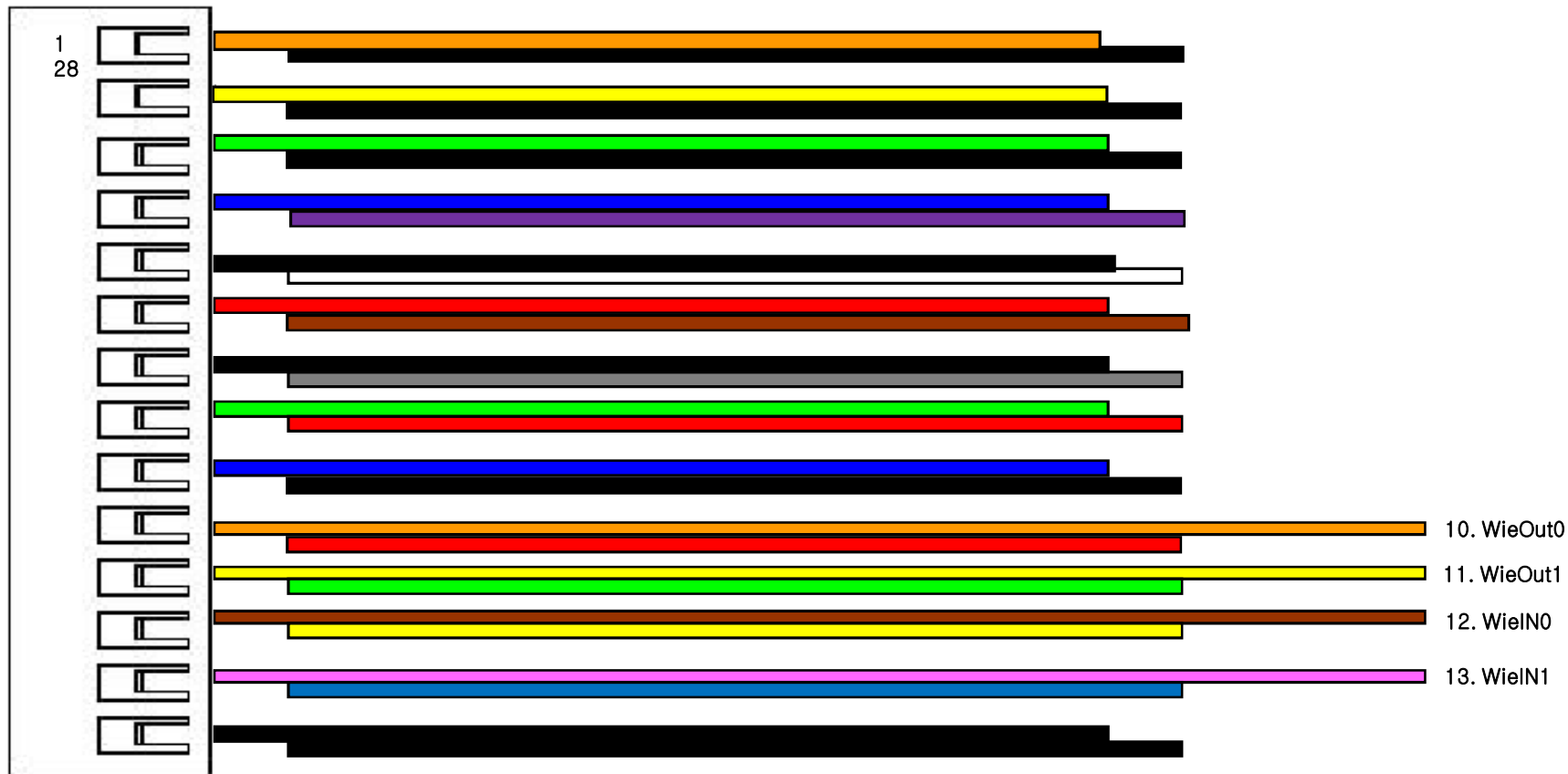
8. Connecting Motoised Lock



9. Connecting Two Emergency Lamp

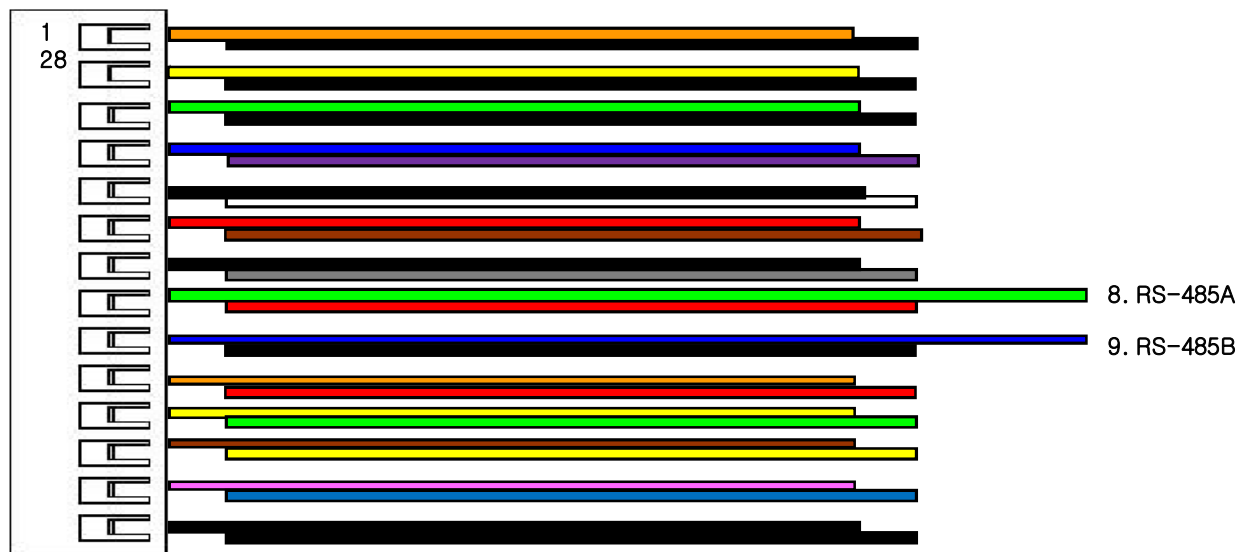


10. Connecting Wiegand IN/OUT to External Controller

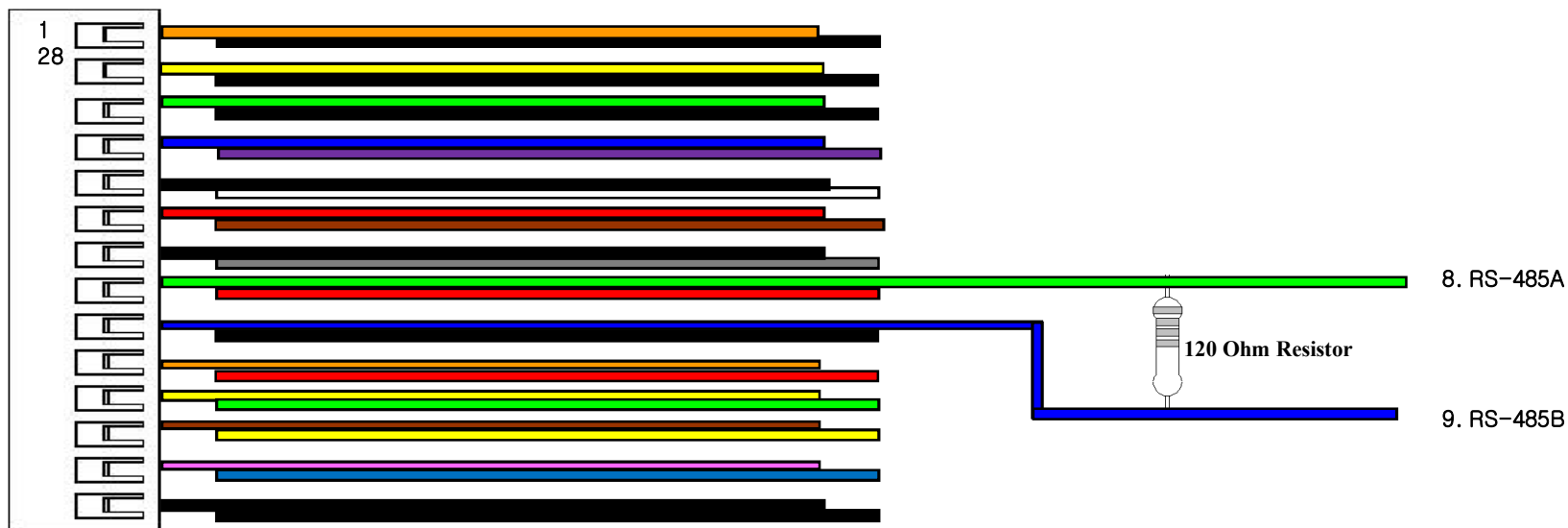


11. Resistor Setting for RS485 End Termination

11.1 RS-485 Setting : Default Setting is off.



11.2 RS-485 Setting : ON: 120 Ohm Resistor is connected between 485A and 485B



12. Wiring Guide

12.1 Terminal & Exit Button

