

APEB100A Fail - safe Type Deadbolt Lock Installation Manual

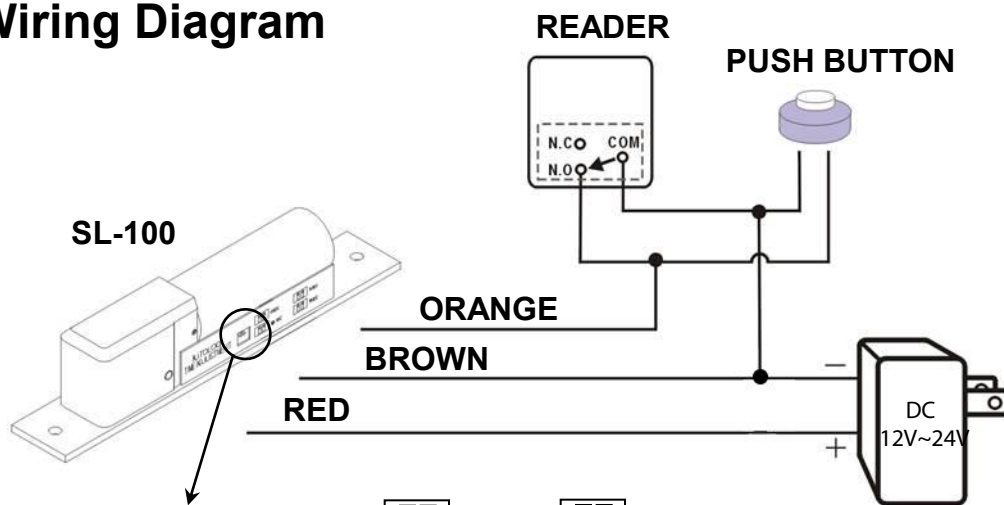
Specifications

Power Supply	1A@DC12V
Current	Operation Current 900mA, Holding Current 360mA
Operation Delay Time	0sec. 2.5sec. 5sec. 9sec.
Signal Output	Door Sensor(250mA)
Face Plate	200 (L) X 32 (W) X 40 (H) mm
Strike Plate	90 (L) X 26 (W) X 2.5 (H) mm
Bolt	16mm (Throw) X 15.5mm (Diameter)
Safety Measures	(1)Fail-safe Type(Power to lock). (2)Built-in photo couplers door open push button input contact. Door will lock again automatically when door is not open within 5 seconds.

Connections

Model Color	APEB100A (5 PIN)	Model Color	APEB100B (6 PIN)
Brown	- GND	Brown	- GND
Red	+DC12V	Red	+DC12V
Orange	Push Button	Orange	Push Button
Yellow	Door Position Sensor(N.C.)	Yellow	Door Position Sensor(N.C.)
Green	Door Position Sensor(COM.)	Green	Door Position Sensor(COM.)
		Bule	Door Position Sensor(N.O.)

Wiring Diagram

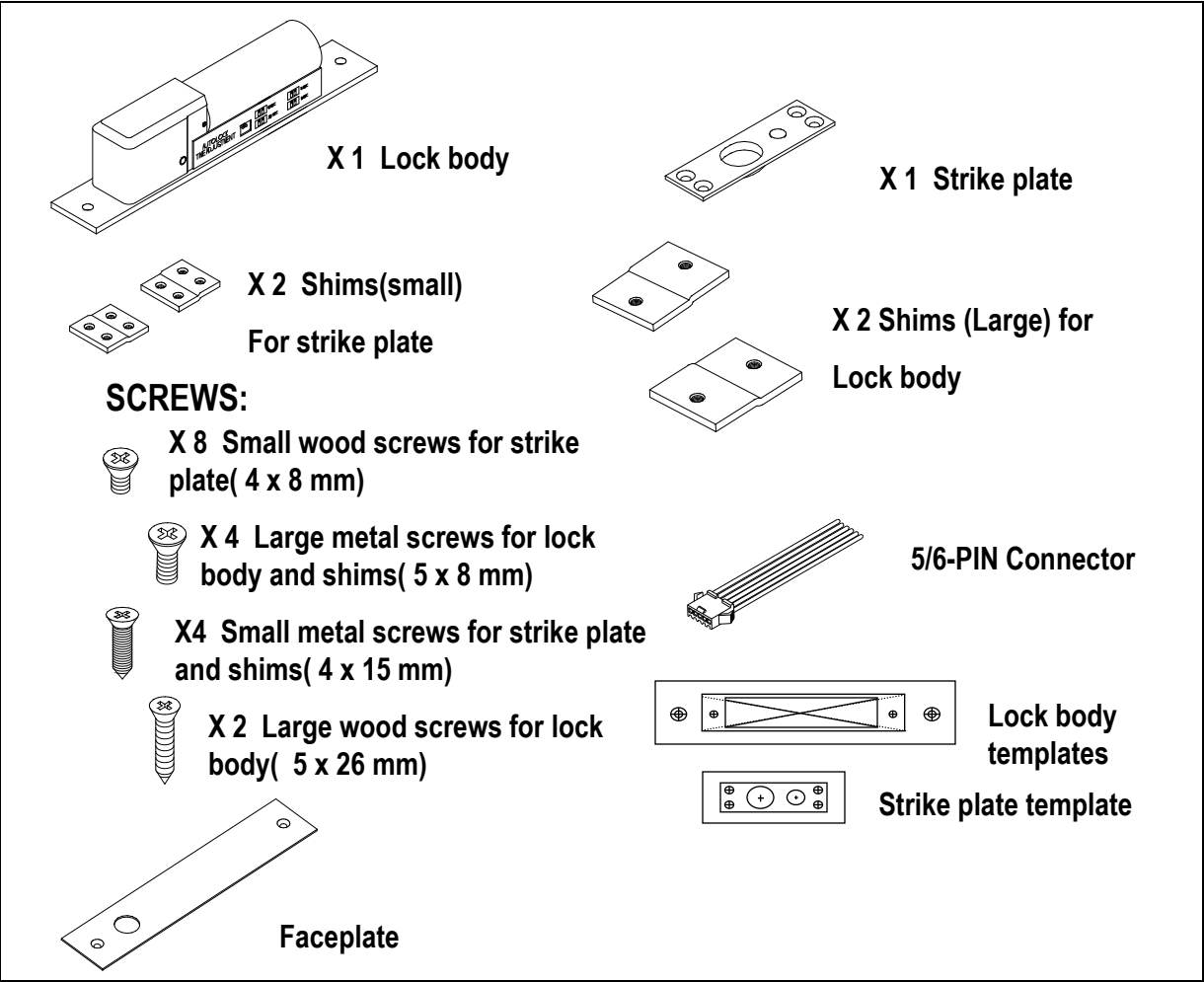


Setting door lock delay timer : ☐ 0 SEC. ☐ 5 SEC.

☐ 2.5 SEC. ☐ 9 SEC.

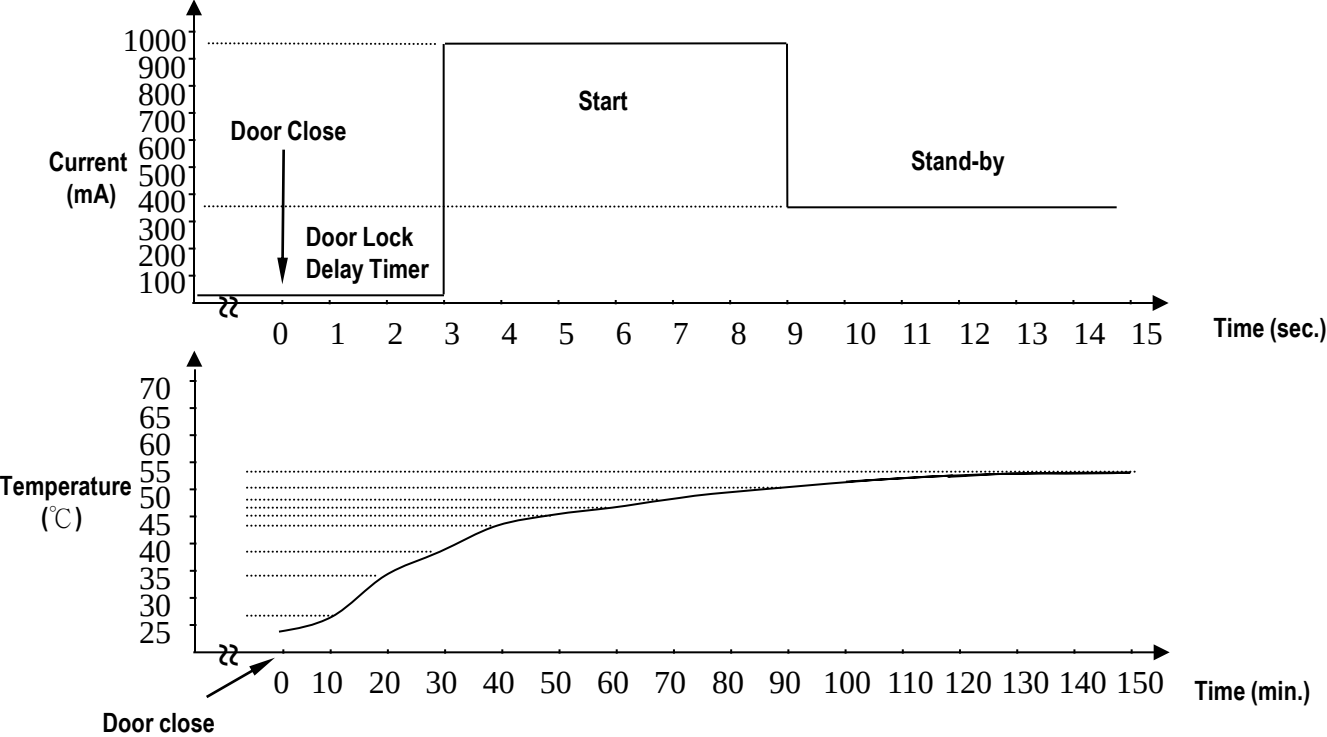
☑ Please switch on the appliance again to validate any adjustment of DIP switch value

※ Accessories:

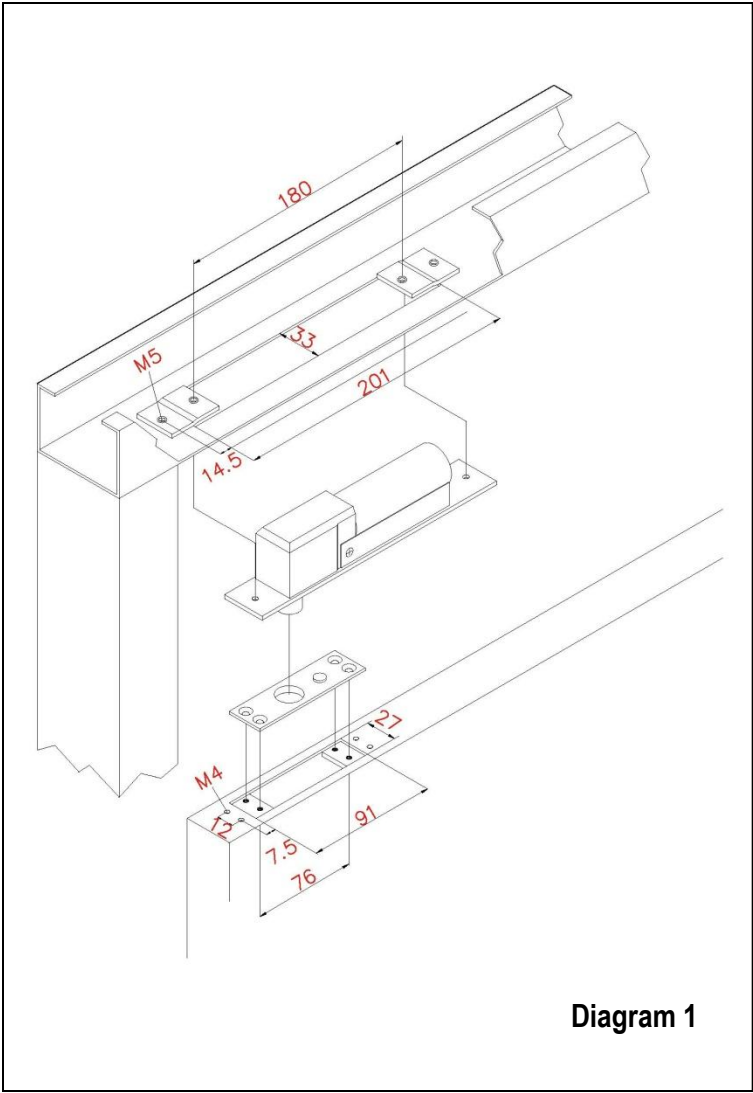


※ Current and Temperature Chart:

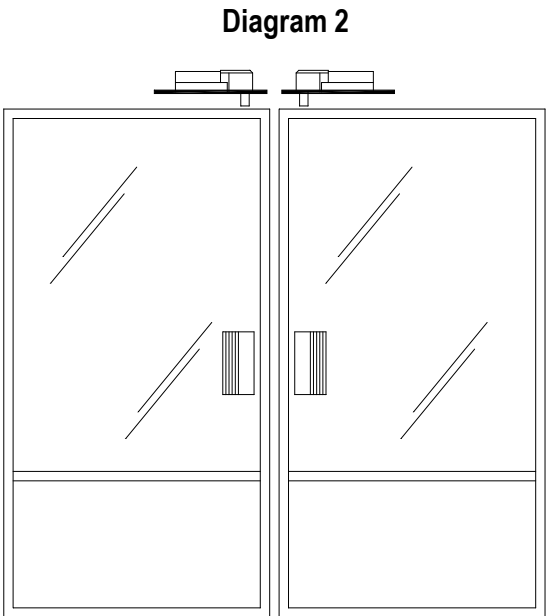
(Measurement: Power Supply DC-12V, Room temperature 25°C, Humidity 60% Rh)



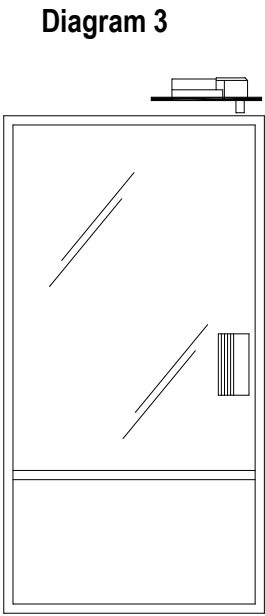
✳ Installation:



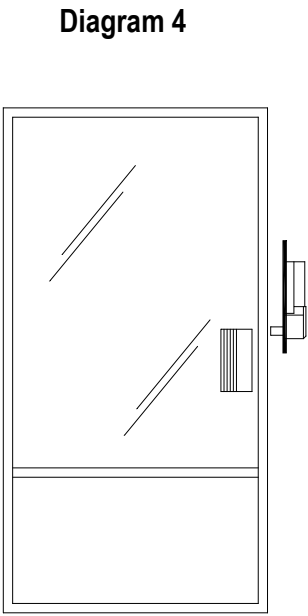
Instruction:
Diagram 1: Dimensions
Diagram 2: For double door mounting
Diagram 3: For single door mounting
Diagram 4: For vertical mounting
Important-For vertical mounting, wires must come out the top of the unit.



For double doors



For single doors

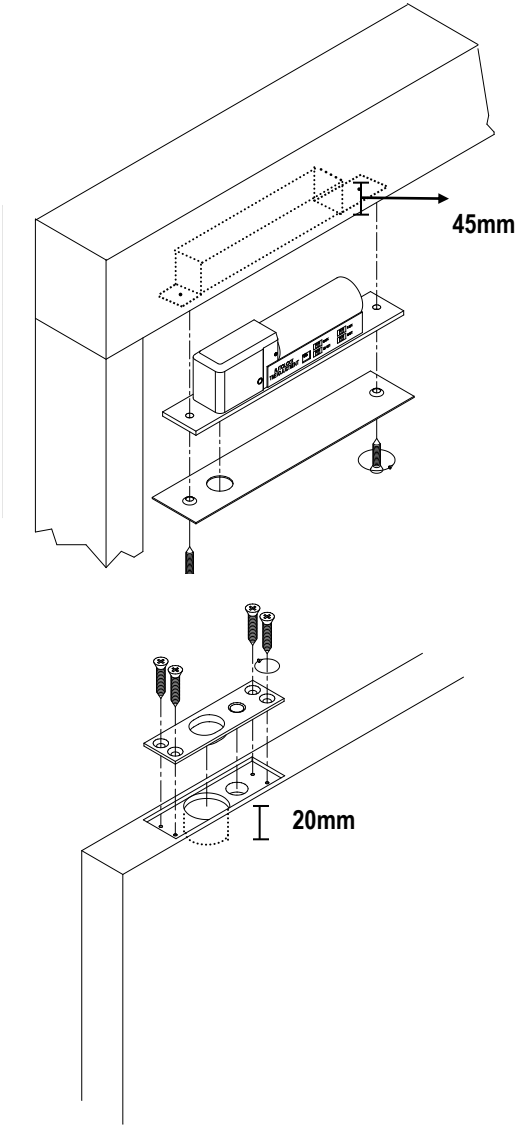
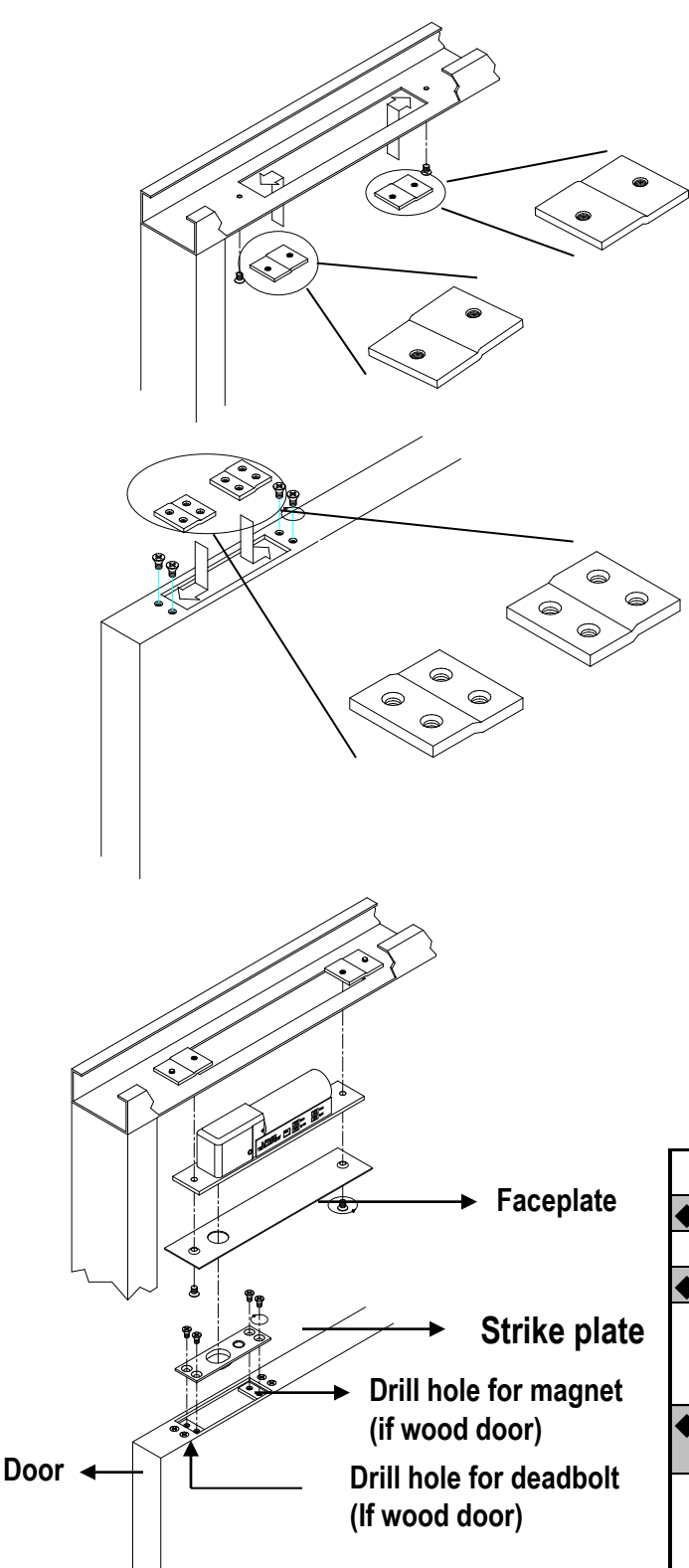


For single doors

※ Installation:

For hollow metal doors:
Please make sure the correct
direction of the shims when mounted

For wood doors:



Question & Answer	
◆ The lock is hot?	The operating temperature of the lock is normally within 55℃.
◆ No operation after installation?	1.Please check power supply. 2.Please check if the direction of the template is being installed correctly 3.Please check the connection points(N.O or N.C)
◆ Lock will open when force is applied on the reader (eg. Hitting hard or vibrating the reader).?	1.Please check all the connections . 2.Reader's N.C points might strike immediately when force is being applied on it this eventually causes the fail-safe type of lock to open when sudden power cut occurred. Please refer to page 1 for wiring to prevent such case happen.