

6000 SERIES SPARE PARTS & ACCESSORIES

The following are available as optional extras:

SPARE PARTS

Part Number	Qty Per Pack	Description
206000-010	1	Silver Spare Cover
206000-011	1	Green Spare Cover
206000-012	1	Bronze Spare Cover
206000-013	1	Brown Spare Cover
206000-014	1	Black Spare Cover
206000-020	1	Screw Kit
206000-030	1	Roller Strike Kit

5 Year Limited Warranty

ASSA ABLOY Australia guarantees for a period of 5 years in accordance with Trimec's Standard Warranty Conditions, against defects in manufacture, workmanship or materials, provided that all electrical and mechanical installation requirements are adhered to as per this datasheet. All third party and consequential claims are expressly excluded from this warranty.



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6000 SERIES HOOK LOCK

INSTALLATION INSTRUCTIONS



DRAWINGS NOT TO SCALE. INFORMATION IN THIS DATASHEET MAY BE CHANGED WITHOUT NOTICE.

IMPORTANT NOTE: Ensure any rebate strips or door stops are fitted before proceeding. Hook lock must **NOT** be used as the only form of door stop.

This product had been designed for use in weather protected areas, and is **NOT** suitable for use in hazardous (flamable or explosive) atmospheres.

Do **NOT** attempt to change the locking mode as the unit had been factory set for maximum product reliability.

Surface Mount Installation

1. Remove cover screws and cover from hook lock.
2. Use cardboard template supplied to mark the position of two elongated lock mounting holes in the door frame, wiring access hole and two mounting holes for the striker on the door (see **Fig. 1**). The lock should not be fitted within 20mm of any corner.
3. Using the wiring diagram provided on lock body or the datasheet, ensure all wiring is correctly connected and not rubbing on sharp edges or interfering with any lock mechanism.
4. Using **ONLY** the two elongated holes in the lock body, fix hook lock to door frame using the 6G self-tapping screws and washers provided. Ensure that lock hook is facing the door.
5. Fix striker to door as per orientation shown in **Fig. 2**. Use $\varnothing 9$ mm mounting holes for wooden doors; $\varnothing 11$ mm mounting holes for metal doors.
6. Allow the door closer to latch the lock by first holding the door with the striker resting on the lock hook, and then releasing it. Adjust the lock position until striker engages hook lock repeatedly without assistance.
7. Check that hook lock functions with power supplied. Lock should still latch freely under minimum closer force.
8. Mark and drill the remaining four fixing holes for the lock before securing the lock in its permanent position (see **Fig. 3**).
9. Fit cover to lock body, then recheck that door opens and closes smoothly (see **Fig. 4**). Ensure that wiring is not trapped or pinched by cover.

Fig. 1 - Mark Mounting and Wiring Holes with Template Provided

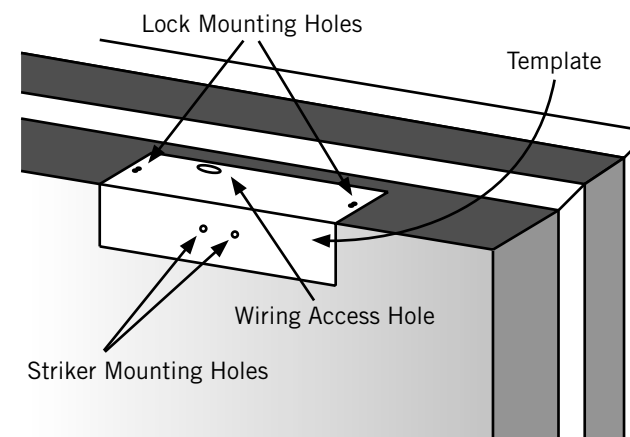


Fig. 2 - Fit Striker to Door in Orientation Shown

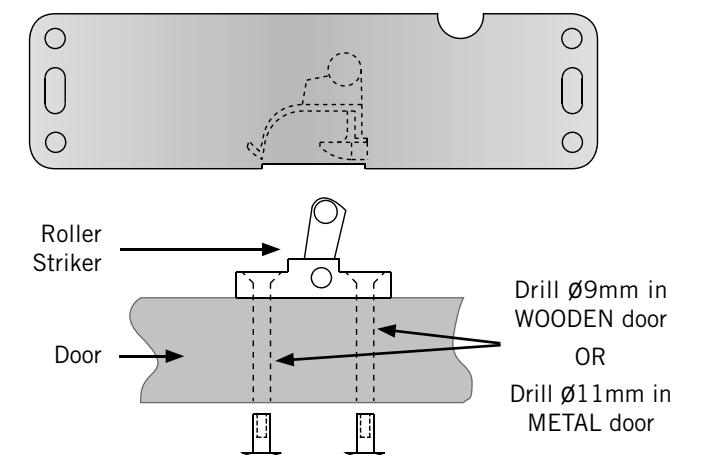


Fig. 3 - Drill Fixing Holes, Secure Lock in Permanent Position

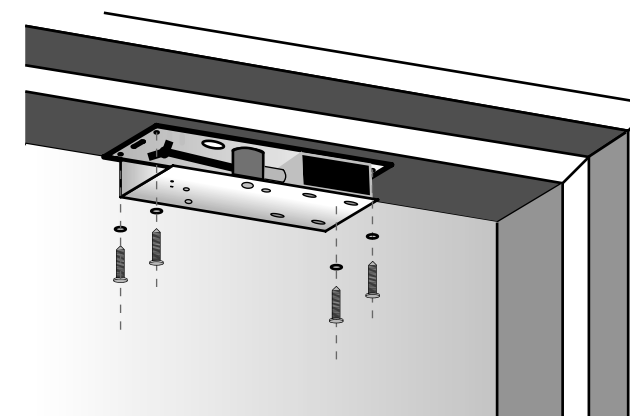
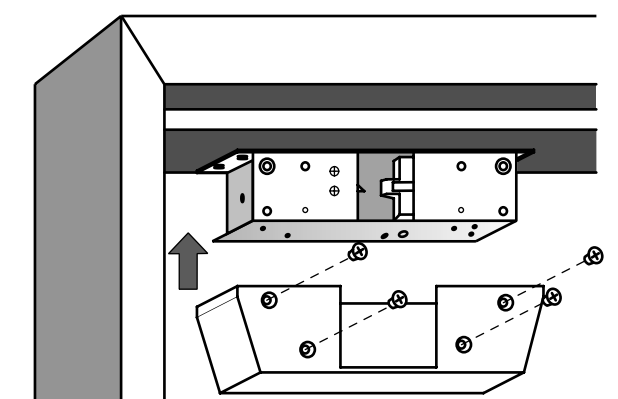


Fig. 4 - Fit Cover to Lock



Mortise Installation

1. Place roller striker at a desired position along the edge of the door. Measure half the height of the roller striker and mark a horizontal line (A) on the side of the door (see Fig. 5). Note that the striker must NOT be placed within 150mm from the top or bottom of the door.
2. Remove striker, then close door and transfer horizontal line (A) to the door frame. Also, mark a vertical line on door frame corresponding to one face of the door (see Fig. 6).
3. Open door, then mark on both the door and frame 2 lines (B) that are parallel to the vertical line, at a distance equal to half the thickness of the door (see Fig. 7).
4. Extend lines A and B on the door and frame until they intersect. The 2 lines on the door frame are the centrelines of the cutout.
5. Measure and mark the cutout onto the door frame, then route out opening (see Fig. 8).
6. Using the wiring diagram provided on lock body or the datasheet, ensure all wiring is correctly connected and not rubbing on sharp edges.
7. Install hook lock into door frame cavity and secure with mounting screws provided.
8. Mortise roller striker into door if necessary, using the striker body as template. Secure striker to door, ensuring that the striker fixing holes are in line with the marked vertical centreline, and in the orientation as per Fig. 2.
9. Gently close door to check for correct alignment of striker when it engages the lock. A maximum of 1mm "door rattle" should be allowed.
10. Open and close door repeatedly to check for correct operation of all functions.

Fig. 5 - Mark Horizontal Line on Door

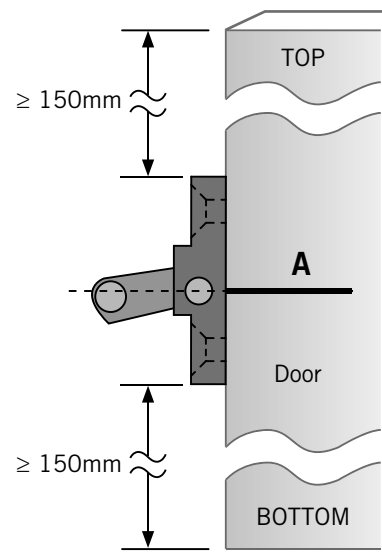


Fig. 6 - Transfer Lines to Door Frame

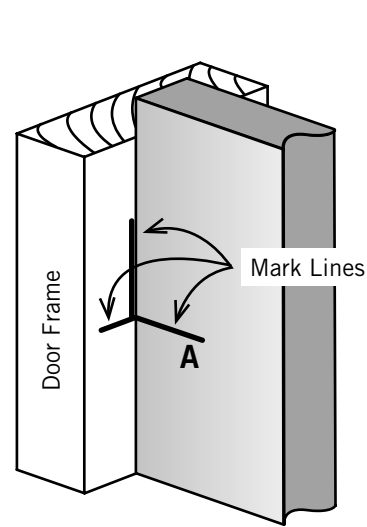


Fig. 7 - Mark Parallel Lines

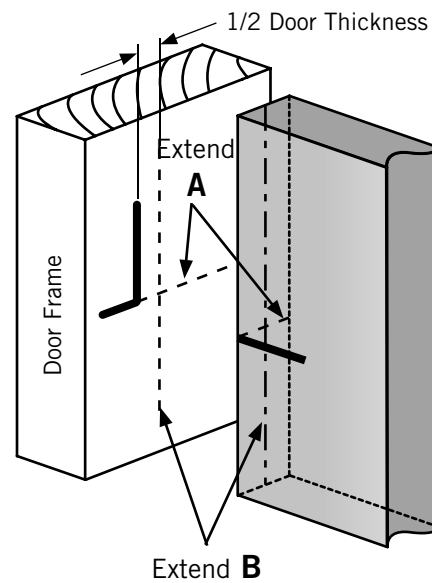
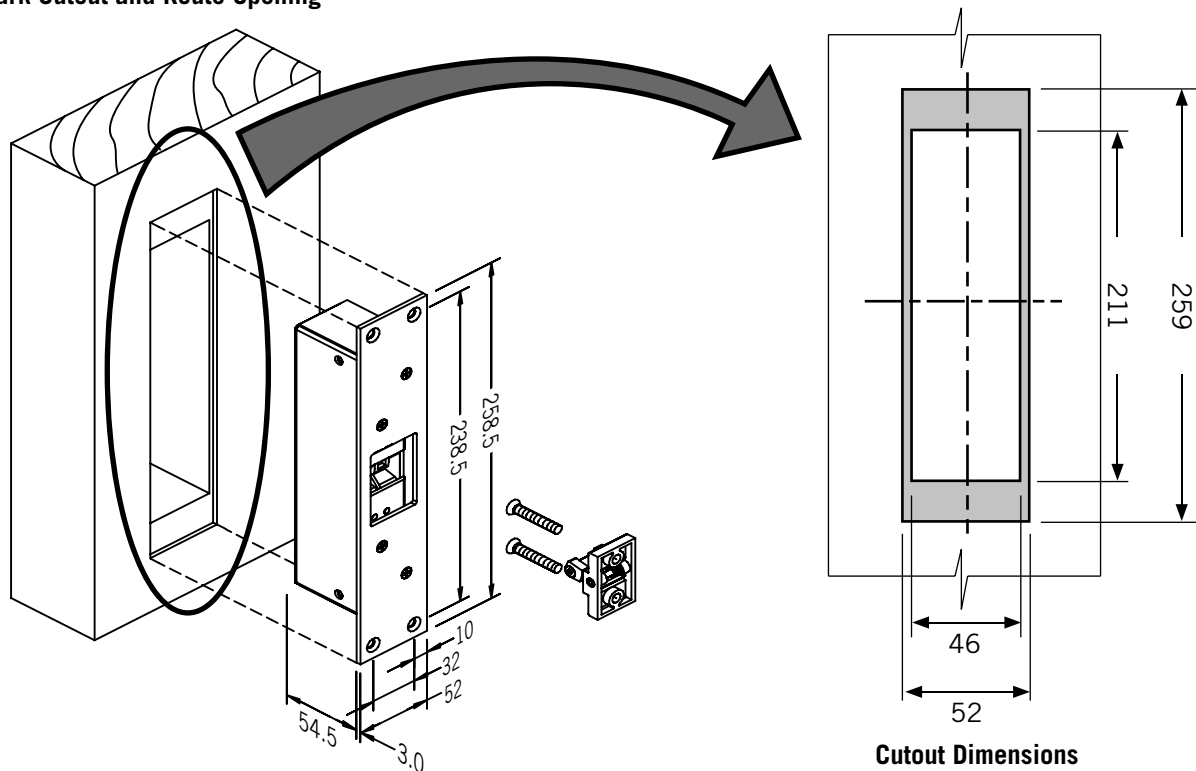


Fig. 8 - Mark Cutout and Route Opening



ELECTRICAL SPECIFICATIONS

Solenoid Leads Colour

Red
Black

Supply Voltage

12-30 VDC
Ground (0 V)

Current Draw	@ 12 VDC	Initially 830 mA reducing to 250 mA after 1 second
	@ 24 VDC	Initially 530 mA reducing to 140 mA after 1 second

Circuit Protection : Reverse Polarity and Back EMF protection. Solenoid is continuously rated.

CAUTION! Incorrect supply voltage may cause damage not covered by warranty. Please check supply voltage with a suitable meter to ensure it is within 12-30 VDC.

This product has been designed for use in weather protected areas only. **DO NOT OIL OR LUBRICATE.**

6000 Series Microswitch Monitoring

The 6000 Series hook lock is fitted with a UL approved changeover microswitch (max. rating: 125 VAC, 3 A / 60 VDC, 200 mA) to monitor the lock and door status. The wiring diagram for the monitoring schematic is shown in Fig. 9 and on the back of the strike.

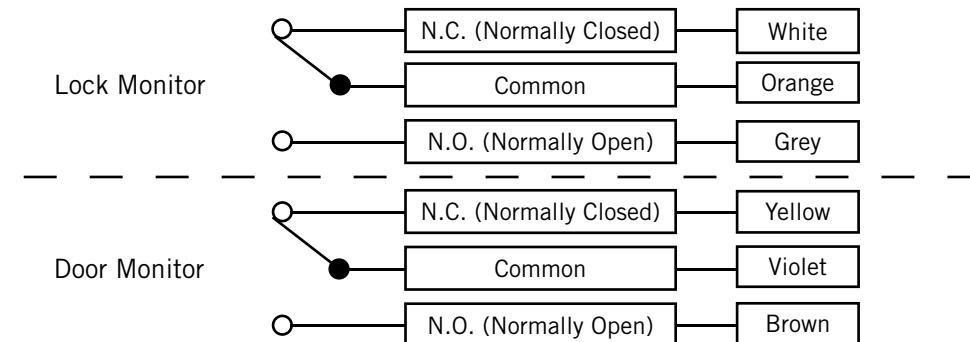


Fig. 9 - Monitoring Schematic

Certification

- AS4145.2 compliant
- BS5872 approved
- CE compliant
- up to 4-hours fire rating, depending on type of doorset (in accordance with AS1905.1 - 1997, Part 1: Fire-resistant Doorsets)



Performance

Standard UL 1034 Tested for:

- 1,500 lbs. (680 kg) static strength rating
- 70 foot-lbs. dynamic strength rating
- 250,000 cycles endurance rating

At the request of ASSA ABLOY Australia, this model was tested to the following VOLUNTARY ratings:

- 2,000,000 cycles of operation
- 660 lbs. (300 kg) pre-load capability