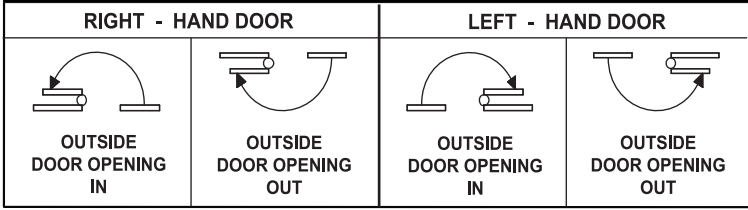


HAND OF DOOR ACCORDING TO ENGLISH PRACTICE



- This Lockwood 3579HS Series Electric Mortice Lock is to be mounted in accordance with these instructions. Locks may or may not have cylinders, lever handles, turn knob or emergency button. Disregard instructions referring to the features not required.
- Important : Before drilling door, ensure correct hand is being installed.
- NOTE: CASE DOES NOT need to be opened, to change HAND or FUNCTION OF LOCK.
- Min. Door Gap 3mm. Max. Door Gap 6.5mm.

1 HAND OF LOCK

BOLT

- Determine hand of lock required from above hand of door chart.
- Rotate bolt head to suit latching direction.

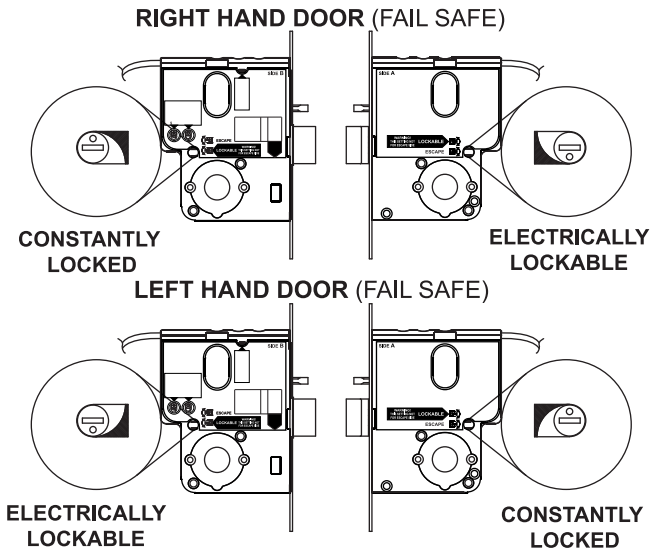
2 LOCK STATUS

• **EXTERNAL OPERATION OF THIS LOCK MUST BE USED IN CONJUNCTION WITH A SECONDARY ELECTRONIC LOCKING DEVICE (eg. Electric strike).**

- The lock is set up as Fail Safe (Power to Lock). The lock will operate as follows:

Power	Interior Hub/Handle	Exterior Hub/Handle
Off	Unlocked	Locked
On	Locked	Locked

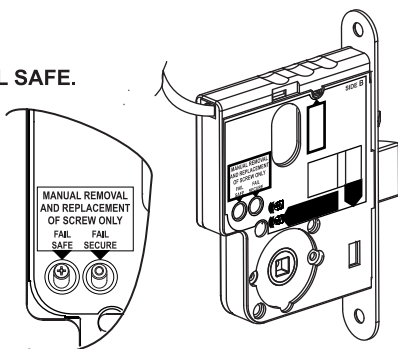
3 SETTING LOCK HANDING



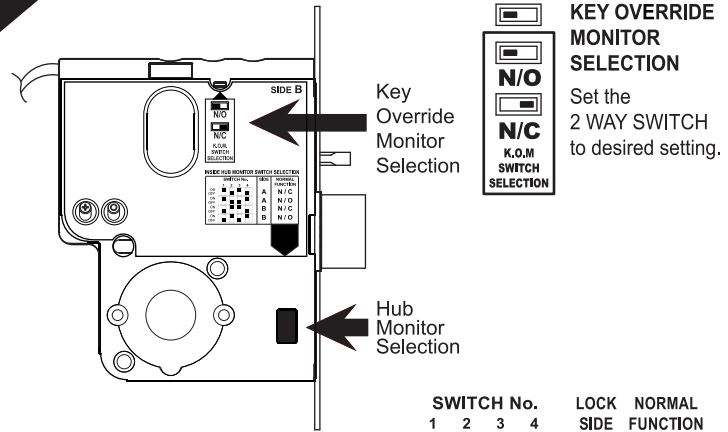
4 FAIL SAFE / FAIL SECURE MODE

- The lock is factory set to FAIL SAFE.
- This mode does not require changing.
- The external side of this lock will not electrically unlock.

WARNING: Do not use a power driver to tighten screw.

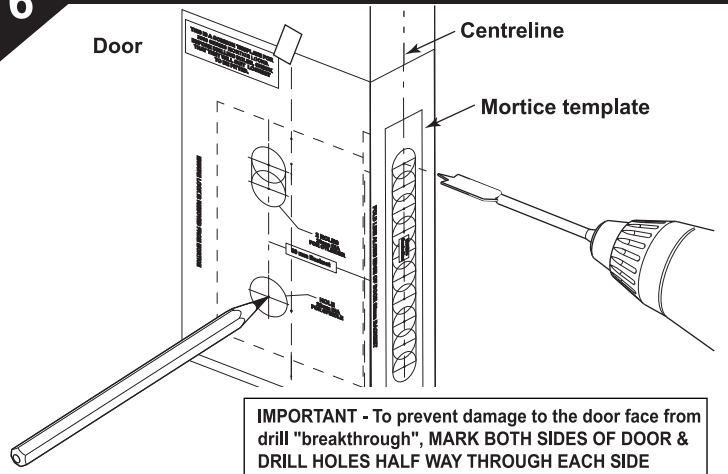


5 MONITOR SELECTION



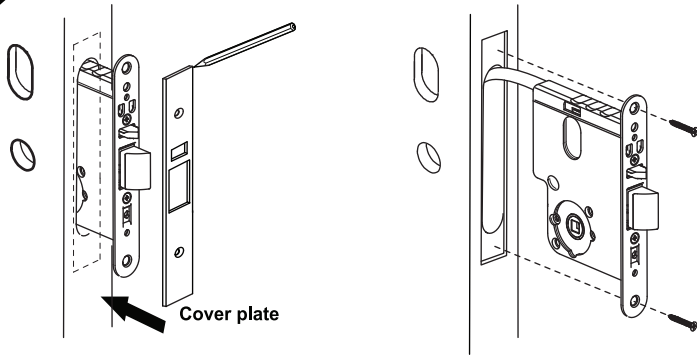
- Select normally open, normally closed, Lock Side A or Lock Side B monitoring configuration.

6 DOOR PREPARATION



- Establish height that lockset will be mounted on door and mark centreline of door thickness on door edge.
- Place Mortice Template on door and align centreline on template with centreline on door. Secure with sticky tape.
- Mark and drill mortice to suit mortice lock depth (90mm).
- Ease out mortice cavity where necessary. Clean out mortice before inserting lock.
- Allow space for extra cable length behind lock for ease of maintenance.

7

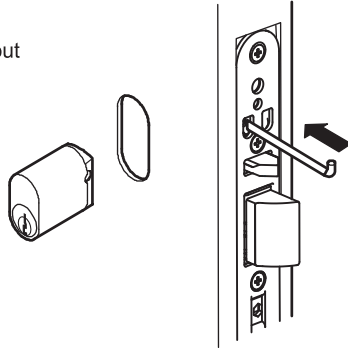
DOOR PREPARATION (cont'd)

- Insert lock in mortise with Cover Plate on and scribe around Cover Plate for size of recess, ensuring that no foreign matter finds its way into the lock mechanism.
- Remove lock from mortise and chisel recess 4mm deep to receive both front and cover plate. Cover plate must be flush with edge of door.
- Ensure lock is removed from mortise cavity. Fold template along backset fold line. Align EDGE A with bottom of cover plate recess. Establish holes required to suit lock function, mark hole centres accurately, drill and clean holes.
- Drill furniture holes as required.
- Connect power plug from lock to power supply socket and place lock in mortise and insert cylinder.
- Fasten mortise lock into door using mounting screws provided.

8

LOCKS WITH CYLINDERS

- Using a small flat screwdriver, lever out Cylinder Hole Plug where fitted.
- Secure cylinder with retainer pin, ensuring pin is flush with front plate.
- Install cover plate and secure with 2 M4 screws to lock body.

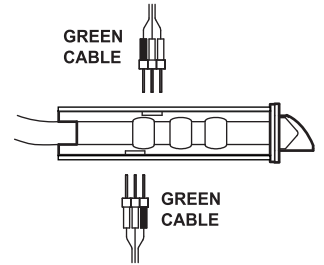
**LOCKS WITHOUT CYLINDERS**

- Connect power plug from lock to power supply socket and place lock in mortise.
- Secure lock to door with 2 woodscrews supplied.
- Install cover plate and secure with 2 M4 screws to lock body.

9

FURNITURE WITH L.E.D.

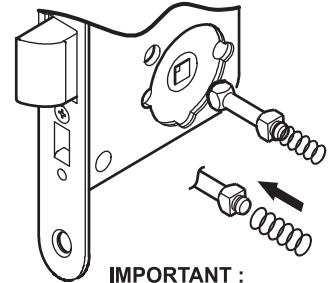
- Before assembling furniture to door, connect LED cable to 3 pin socket located at TOP of lock body.



10

LOCKS WITH SPINDLES

- All locks are supplied with spindles.
- Insert spindle(s) into lock, as required.
- Assemble furniture as required.
- Ensure furniture is not over-tightened.

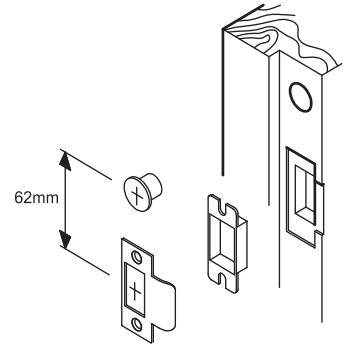


IMPORTANT :
Attach spindle spring to rear of spindle before assembling

11

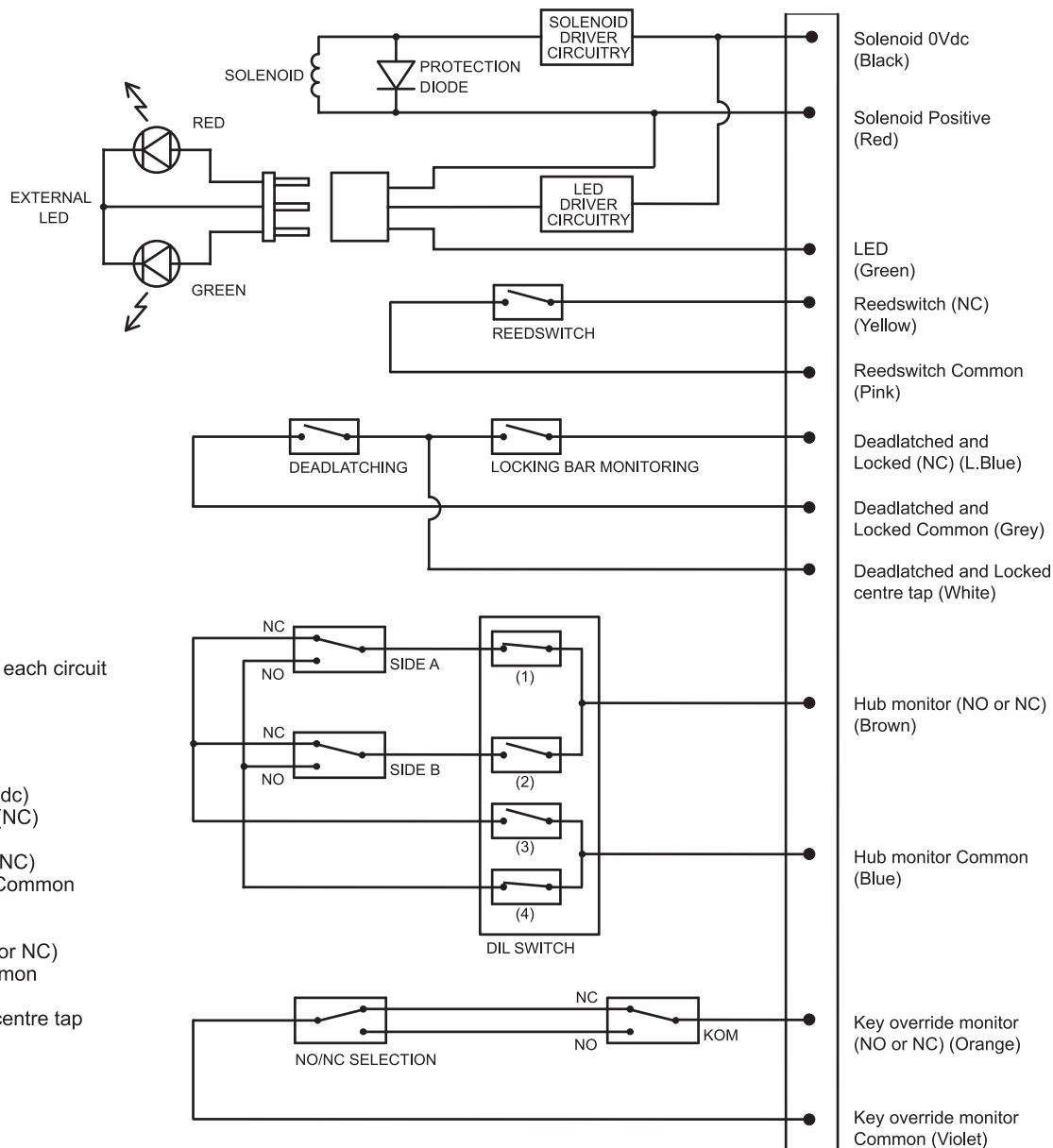
MOUNTING STRIKE AND MAGNET

- Mark out door frame for strike.
- Mortise door frame for strike box and strike.
- Bolt recess to be 15mm deep in door frame.
- Screw strike and strike box to door frame with 2 screws supplied.
- Drill 19mm DIA hole x 20 Deep, 62mm above strike centreline.
- Insert magnet in hole.



ELECTRICAL SPECIFICATIONS

Note : Diagram depicts RH opened door, with handle & key in rest state.



• Solenoid Activation

Operating Voltage:
12~30Vdc

Operating Current:
500mA Max, 80mA holding @ 12Vdc
275mA Max, 50mA holding @ 24Vdc

• Led Current

Add 20mA to Total Operating Current if
Led's are fitted.

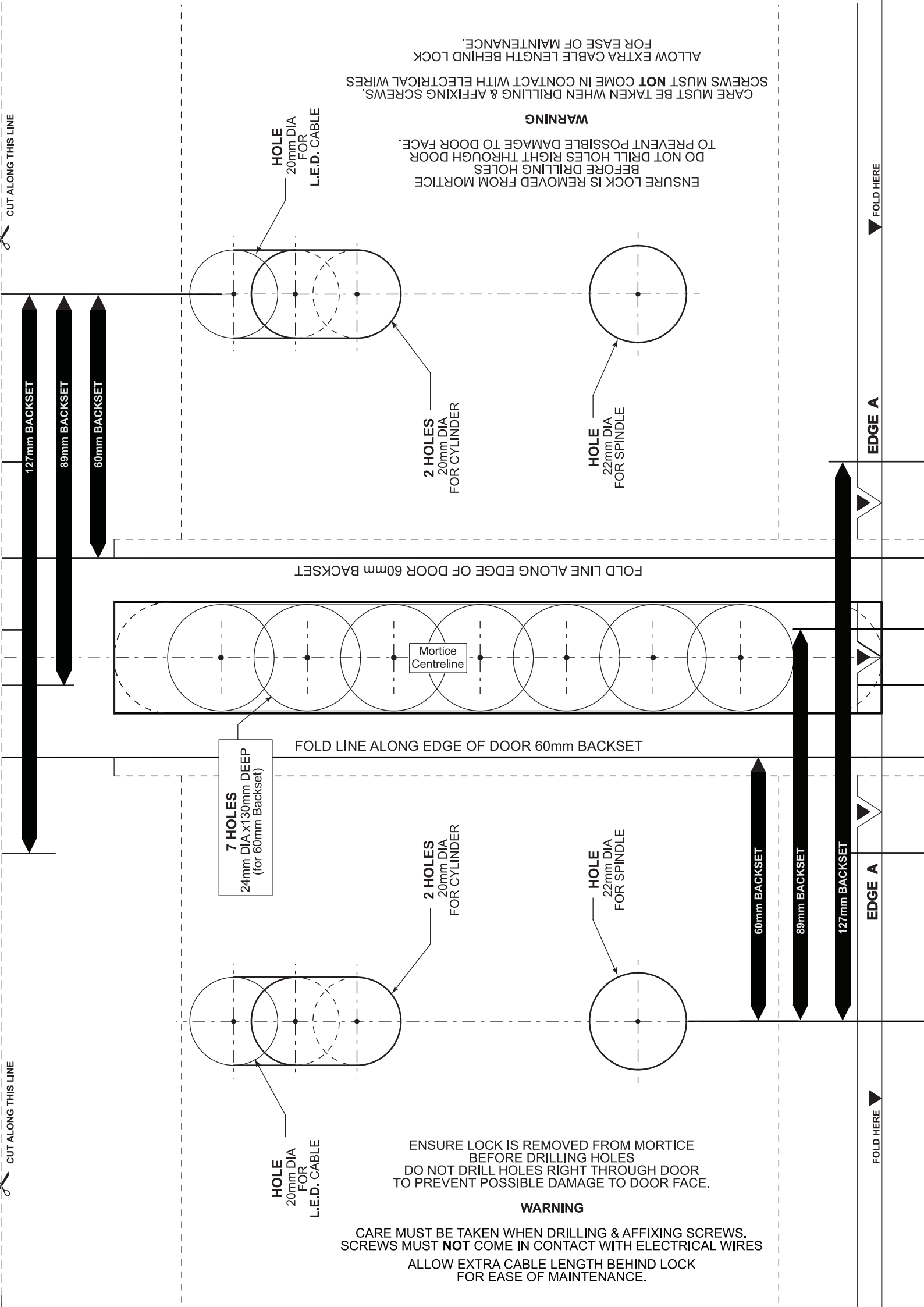
• Monitoring Circuits

Microswitches: 500mA Max @ 30Vdc each circuit
Reedswitch: 100mA Max @ 30Vdc

COLOUR	FUNCTION
Black	Solenoid 0Vdc
Red	Solenoid Positive (12~30Vdc)
Yellow	Door closed Reed Switch (NC)
Pink	Reed Switch Common
Light Blue	Deadlatched and Locked (NC)
Grey	Deadlatched and Locked Common
Brown	Hub monitor (NO or NC)
Blue	Hub monitor Common
Orange	Key override monitor (NO or NC)
Violet	Key override monitor Common
Green	LED (12~30Vdc)
White	Deadlatched and Locked centre tap

CUT ALONG THIS LINE

CUT ALONG THIS LINE



FOLD HERE

EDGE A

EDGE A

FOLD HERE