



3. Control System

Re-levelling (anti-creep)

If after an extended period of inactivity, the lift sinks below floor level the upwards re-levelling switch will be activated, causing the lift to move back to the correct floor level.

Stuck Button detection (car and landing) not supplied on APB Control

Should a button become accidentally or deliberately stuck, the control panel will register this occurrence and will no longer respond to that particular floor until the fault has cleared.

Landing cut-out switch (positioned within the motor room)

This feature is used by maintenance engineers when the lift is being serviced. The operation of the switch prevents any further landing calls from registering. (On Duplex lifts, all landing calls will transfer to the other lift and the doors remain closed with door open delay time reduced to zero).

Car Door Safety Edge

Incorporated within the car door mechanism is a safety edge which automatically reverses the doors to the open position should the door come into contact with a person or object whilst closing.

Emergency Car Lighting

In the event of power failure to the lift car main lighting, the emergency car lighting will provide 3 hours of emergency lighting.

Alarm Button

The car operating panel is provided with an emergency alarm button. When pressed the button operates an alarm siren (usually situated in the lift well to maximum amplification) to summon assistance. In the event of mains power failure the emergency alarm is supplied by a backup battery.

Self-checking

Each time the lift makes a journey, it continually checks that the normal control sequence occurs within given time limits. If the lift does not operate within these expected sequences, it will automatically switch itself out of service at the next change in direction of travel. If this occurs the service office should be contacted immediately.