

GRENFELL TOWER FAULT CODES

(51) LIGHT DUTY

This event is recorded after heavy duty or peak duty has finished, to indicate the system is back to normal.

(01) LOST LAR

The LAR Relay (Lift Available Relay), on the motor panel provides the signal to the MPU (Microprocessor Unit). Whenever the LAR relay is de-energised, for example, due to the stop switch being operated, or the lift switched to maintenance control, the event will be displayed.

The event will remain displayed while this situation continues to exist. All car and landing calls will be cancelled and the LSI (Lift Service Available) indicator will be off. (This LSI indicator is only provided when requested)

(04) DOOR OPEN PR. TIME-OUT

This is when the door has failed to finish opening within 30 seconds. The event will be recorded, the MPU will stop activating the "Door Open Contactor" (OC) and the LSI indicator will be cancelled. After a short delay the MPU will activate the doors to close so the lift may move to another floor.

This fault for example could be caused by an obstruction in the landing door track.

(27) LOST LDG PUSH FEED

If the feed to the landing push-button is lost, which could be caused by a blown LPF fuse, the event is recorded, the lift will run in bus stop mode and respond only to car calls.

(20) FRONT SE OVERTIME

If the lift doors are held open by continuous operation of the safety edge for more than 20 seconds, the event is recorded.

(09) D/CLOSE PR TIME-OUT

This is when the doors have failed to close within 30 seconds. The event will be recorded, the doors will reverse and park open and all calls will be cancelled. The LSI indicator will also be cancelled.

Prior to this situation occurring and if there are calls present, the MPU will reverse the doors if they failed to finish closing within 7 seconds. Three attempts are then made to close within 10 seconds and then the doors will go for the full 30 seconds to close.

Following a door closing protection fault, the doors will park open and will only close again if a car or hall call is operated. If a door closing protection fault occurs again, the lift will then only respond to car calls.

This fault may be caused by an obstruction in the door track, or persons reluctant to move clear of the doors.

(12) CALLS TF'D OR CNCL'D

If the lift has not moved in response to calls present for 45 seconds, hall calls to which it should have attended will be released to the other lift (if one exists), the event is recorded, and the LSI indicator will be cancelled.

If "Door Nudging" feature has been specified, the MPU will sound a "Selfish Use Buzzer" discontinuously (if fitted), in the lift car in order to encourage the occupant to let the lift go.

If the lift still has not moved in response to the calls present for over 100 seconds all car calls will be cancelled. The buzzer will stop, and the LSI indicator will remain cancelled. If the lift is operating as a simplex, all hall calls will be cancelled as well.

(37) STUCK DOWN CALL

If the down landing call is not released within the expected time, it will be presumed stuck. The call will be ignored in future until it is released and reinserted, the fault is recorded along with the floor level that is affected.

(48) SE COMMS FAILURE

This event is recorded if communication fails between the M6809 and the Shaft Encoder unit.

(50) SE COMMS OK SE5

Shaft encoder SE500P communication successful. The Shaft Encoder gives feedback to the MPU regarding the position of the lift in the shaft.