

FAULT CODES

Product	Beeps	Fault
ACB01 /	1	SENSOR FAULT
ACB05	2	MEMORY FAULT
MICRO-	3	RELAY FAULT
SWITCH	5	DOOR SETUP FAULT
ACB01 /	1	OPTO SENSOR FAULT
SDO1/	2	MISSED DATUM
GDO7/	3	WRONG DIRECTION
ACB05	4	MEMORY FAULT
SEMI	5	POSITION OVERFLOW
ALPS	6	RELAY FAULT
	7	DOOR SETUP FAULT
RDO1/	1	OPTO SENSOR FAULT
SDO2/	2	DATUM CODE JUMP
DCB01	3	MISSED DATUM
GDO6/	4	WRONG DIRECTION
GDO9/	5	MEMORY FAULT
DCB03	6	POSITION OVERFLOW
	7	RELAY FAULT
	8	PE FAULT (NOT USED)
	9	SETUP USING BATTERY
	10	DOOR SETUP FAULT

Product	Beeps	Fault
GDO8- DCB04	1	OPTO SENSOR FAULT
	2	NO DATUM
	3	MISSED DATUM
	4	WRONG DIRECTION
	5	MEMORY FAULT
	6	POSITION OVERFLOW
	7	RELAY FAULT
GD011- DCB07	10	DOOR SETUP FAULT
	1	OPTO SENSOR FAULT
	2	NO DATUM
	3	MISSED DATUM
	4	WRONG DIRECTION
	5	MEMORY FAULT
	6	POSITION OVERFLOW
	7	RELAY FAULT
	8	SETUP USING BATTERY
	9	DOOR SETUP FAULT
10	CURRENT SENSOR FAULT	

MEMORY FAULT

The micro-controller is faulty. This can also happen after bootloading new firmware. In this case, clear the control memory of the chip by holding the **SET** button down while powering up.

DOOR SETUP FAULT

An undetermined fault has been detected during the setting of travel limits.

RELAY FAULT

The motor relay coil drive feedback signal indicates that a relay is on when it should be off, or vice versa. This can be due to a fault with the relay coil drive circuit or a fault with the relay coil feedback circuit.

OPTO SENSOR FAULT

The opto sensor is not giving pulses - check sensor or sensor input circuit.

SENSOR FAULT

Generated when the number of encoder pulses counted between the open and close limits switches does not match that which was recorded when the door was installed. This can be due to a faulty position sensor giving too many or too few pulses. It can also be due to the micro-switches being readjusted without the door limits being setup again.

MISSED DATUM

The datum sensor was not activated at the expected door position. This could be due to a faulty datum sensor or datum sensor circuit. It can also result from a faulty opto sensor 1, opto sensor 2 or inputs circuits.

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SETUP USING BATTERY

An attempt has been made to setup the travel limits using standby battery power – use mains power to setup limits profiling the door travel.

WRONG DIRECTION

The motor appears to be running in the wrong direction. This could be due to the opto1 and 2 sensors inputs being shorted together or the motor wired incorrectly.

DATUM CODE JUMP

The datum code provided by the three datum sensors has skipped a code. Most likely due to a faulty datum sensor or sensor input circuit.

CURRENT SENSOR FAULT

The motor current measured either indicates that there is no motor current when the motor is on, or that there is motor current when the motor is off.

NO DATUM

Too many position counts have occurred since the last datum code change – check for faulty datum sensor or sensor input circuit.

POSITION OVERFLOW

The position sensor arrangement on the opener rotates as the door opens and closes. Although the sensors rotation is not limited mechanically, the controller can only track the position of the door if less than one turn of the position sensor is completed. If for example the position sensor continued to rotate “above” the open position, then the sensor position associated with the closed position would be reached. This is impossible in reality.

The controller monitors the position sensor signals and will generate a position overflow fault if it appears that the region below the close position is reached when opening, or if the region above the open position is reached when closing. This fault is usually associated with a faulty position sensor. It is also possible on large roll up doors to disengage and lift the door and cause an position overflow fault. In this case, the door should be moved back into a position between the open and close limits.