

Service Quick Guide

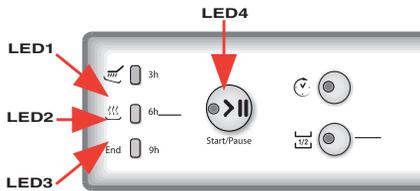
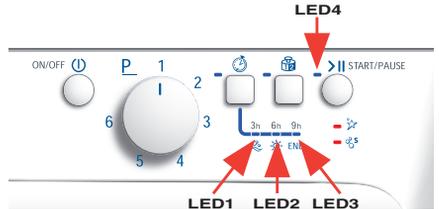
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Indesit Company, Service Department

“EOS” Alarm Table (DEA 601/DEA 602/DEA 603/DEA 700)

LED interface Fault display:

IMPORTANT: Led interfaces only have been included, to show clearly how Faults are indicated. DIGIT and LCD (Display) interfaces are not included, given the ease with which Faults are identified (in writing). When Faults are being displayed, the Leds involved in their identification will remain alight and off, whilst the ON/OFF Led and others on the machine may blink rapidly.



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Fault	Name	LED combination			
		LED1	LED2	LED3	LED4
1	ANTI-FLOODING OVERFLOW	On	Off	Off	Off
2	WATER FILL SOLENOID VALVE FAILURE	Off	On	Off	Off
3	DRAIN TIMEOUT	On	On	Off	Off
4	THERMISTOR (NTC) not compliant	Off	Off	On	Off
5	PRESSURE SWITCH non compliant	On	Off	On	Off
6	WATER FILL TIMEOUT	Off	On	On	Off
7	WATER TURBINE damaged	On	On	On	Off
8	TEMPERATURE TIMEOUT (1 hour)	Off	Off	Off	On
9	Software recognition error. Main board not programmed	On	Off	Off	On
10	HEATING ELEMENT CIRCUIT not compliant	Off	On	Off	On
11	Wash Pump Failure	On	On	Off	On
12	COMMUNICATION error between main board and display	Off	Off	On	On
13	Main board NOT WORKING	On	Off	On	On
15	VIRTUAL SENSOR	On	On	On	On

ALARM	4 LED	6 LED	NAME	CAUSE	CHECKS
1	1 ■□□□	1 ■□□□□□	ANTI-FLOODING OVERFLOW	Bowl float microswitch electrical circuit OPEN! (must be closed)	<ul style="list-style-type: none"> - Water leak; - Float switch or wiring defective; - New main board: Eeprom was programmed off-site; to reset the alarm, switch off and switch on again using the ON/OFF button.
2	2 □■□□	2 □□□□□□	WATER FILL SOLENOID VALVE FAILURE	Fill valve admits water even when deactivated.	<ul style="list-style-type: none"> - Fill solenoid valve failure; - Main board fill solenoid valve triac short-circuiting; - Make certain drain hose is not on the floor.
3	1-2 ■□□□	1-2 □□□□□□	DRAIN TIMEOUT	Maximum drain time elapsed.	<ul style="list-style-type: none"> - Drain pump blocked by foreign matter; - Drain pump faulty/disconnected; - Drain hose blocked; - Drain trap blocked; - Air bubble in hose; - Check drain pump wiring and connectors at component end and main board end; - Check integrity of drain pump impeller; - Replace drain pump.
4	3 □□■□	3 □□■□□□	THERMISTOR (NTC) not compliant	THERMISTOR (NTC) circuit not compliant (break in continuity or short-circuit)	<ul style="list-style-type: none"> - NTC sensor cables disconnected or damaged; - Cables or connectors disconnected or short-circuiting; - NTC sensor wet, short-circuit; - NTC sensor damaged, open circuit.

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ALARM	4 LED	6 LED	NAME	CAUSE	CHECKS
5	1-3 ■ ■ ■ □	1-3 ■ ■ ■ □	PRESSURE SWITCH non compliant	Pressure switch has not indicated completion of fill, even though turbine has filled appliance with water correctly.	<ul style="list-style-type: none"> - Pressure switch faulty; - Pressure switch tube damaged; - Water in air trap; - Air trap damaged.
6	2-3 □ ■ ■ □	2-3 □ ■ ■ □	WATER FILL TIMEOUT	Maximum interval of time for completion of fill has been exceeded.	<ul style="list-style-type: none"> - Tap closed or partially closed; - Filler hose pinched; - Filler hose filter clogged/bent; - Water pressure low or flow meter doesn't work; - Water solenoid valve faulty or disconnected.
7	1-2-3 ■ ■ ■ □	1-2-3 ■ ■ ■ □	WATER TURBINE damaged	Turbine has given no signal indicating entry of water, even though fill has effectively been completed.	<ul style="list-style-type: none"> - Turbine faulty or disconnected; - Connector terminals not making contact; - Turbine wiring faulty; - Turbine faulty, disconnected or wet; - WATER has been introduced manually; - Filler hose filter obstructed; - Pressure switch faulty.
8	4 □ □ ■ □	4 □ □ ■ □	TEMPERATURE TIMEOUT (1 hour)	Maximum interval of time for establishing temperature has been exceeded (1 hour).	<ul style="list-style-type: none"> - NTC sensor bracket detached from bowl; - Fault in electrical circuit of heating element; - Heating element ITR incorrectly calibrated/faulty; - Excessive suds; - Heating element false contact - NTC sensor incorrectly calibrated - Lime scale on heating element. Water hardness setting not compliant. User not putting in salt - NTC sensor separated from socket (replaces first check) - Heating element defective.
9	1-4 ■ ■ ■ □	1-4 ■ ■ ■ □	Software recognition error. Main board not programmed	Software recognition error Processor not programmed.	<ul style="list-style-type: none"> - Main board not programmed; - Incorrect setting file.
10	2-4 □ ■ ■ □	2-4 □ ■ ■ □	HEATING ELEMENT CIRCUIT not compliant	HEATING ELEMENT CIRCUIT not compliant (circuit open).	<ul style="list-style-type: none"> - Heating element cables disconnected; - Main board relay defective - Heating element defective; - Main board relay defective.
11	1-2-4 ■ ■ ■ □	1-2-4 ■ ■ ■ □	Wash Pump Failure	No communication/power between BLDC/BLAC motor and main board, or motor seized.	<ul style="list-style-type: none"> - Motor connectors disconnected; - Wiring not compliant; - Foreign matter between motor blades; - Motor defective/seized.
12	3-4 □ □ ■ □	3-4 □ □ ■ □	COMMUNICATION error between main board and display	No communication/connection between main board and user interface.	<ul style="list-style-type: none"> - Fault in Main board/user interface wiring; - Disconnect from electrical power supply. Wait 2 minutes. Reconnect appliance to power supply and test again; - User interface defective.
13	1-3-4 ■ ■ ■ □	1-3-4 ■ ■ ■ □	Main board NOT WORKING	Main board NOT WORKING	<ul style="list-style-type: none"> - Replace main board.
15	1-2-3-4 ■ ■ ■ ■	1-2-3-4 ■ ■ ■ ■	VIRTUAL SENSOR	Reading between Wash pump and Drain pump not consistent.	<ul style="list-style-type: none"> - Replace wash pump.

