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GB

Error output of the G4 standard induction TC display

Legend:
- Visual inspection
- × No measurement required or not worthwhile workable
- measurement with a multimeter

Error message	Description	Possible cause of fault	Measuring	Decision
Er 03 and permanent signal	Consistent actuation of the buttons Controls switch off after 10 sec.	Liquid or cookware on the glass above the controls	👁	Clean the glass ceramic surface
U 400	Incorrect connection	Secondary voltage of the power supply unit too high (primary voltage > 300V)	👁	Check the mains connection
Er20	EEprom data loss Data not plausible Flash Rom test sum incorrect Programming options incorrect	Filter board component incorrect Incorrect configuration data transmitted	×	Replace the filter board (spare-part kit 534104) Program the correct configuration data (see customer service menu)
Er22	Button interpretation defect Touch control switches off after 3.5-7.5 sec.	Short circuit or interruptions in the button interpretation	×	Replace touch control
Er26	Relay voltage too high when the appliance is switched off s Relay voltage too low when the appliance is switched on	Relay driver electrically damaged / short circuit as a result of high-energy surge impulses from the mains (stroke of lightning)	×	Replace touch control

Error message	Description	Possible cause of fault	Measuring	Decision
Er31	Configuration data incorrect TC allocation to the induction assembly incorrect No function or partial function	Automatic configuration of the filter board due to an incorrect TC type TC or filter board component error	👁	Check to ensure that the right TC type has been installed. => Activate the configuration menu of the TC with a code (see the service manual) and commence configuration. Replace the TC cable. Replace the filter board if the error pattern continues.
Er36	NTC short circuit against 0 / 5 Volt	NTC component fault Protective resistor component fault Board pin on the controller electrically damaged Pin on the analogue switch electrically damaged	👁	Replace touch control.
Er39	Wrong programming options	EMC effects	×	Replace touch control
Er 47	Communication error between the TC and the induction system	TC defect TC cable not connected properly or defect Filter board defect	👁	
Er 48	Control at the control limit	Inappropriate pot	👁	Use appropriate pot
Er 49	Fan speed is outwith the valid speed range	Fan is defective	👁	Replace fan
E 2	Coil sensor shows an excessive rise in temperature of the induction coil	Cooking zone is overheated (pot has boiled dry) Reflected heat on the coil sensor > Cut-off limit (280C°) see T1-88-10	👁	Cooking zone needs to be cooled down Error message is deleted after cooking zone has cooled down

Error message	Description	Possible cause of fault	Measuring	Decision
E 5	Power module short circuit	Permanent under-voltage		Check the power supply Check filter for an SI 1 / SI 2 fuse conductor track short circuit ***SI 1 short circuit*** => Check all the IGBTs for short circuits according to the spare-part kit enclosure => In the event of a short circuit: replace the respective LT on the right ***SI 2 short circuit*** => Check all the IGBTs for short circuits according to the spare-part kit enclosure => In the event of a short circuit:; replace the respective LT on the left => Enclosed 20 A: Insert the safety fuse into the fuse holder on the filter ***Please note!*** The filter must be replaced if the fuse conductor tracks did not trip in the event of a short circuit!
	Filter board error	Component error ***No short circuit! Replace the filter board!!!!***		

Error message	Description	Possible cause of fault	Measuring	Decision
E 6	Power supply	Phase L 2 missing SI 2 Fuse conductor track on the filter board triggered		Check the power supply => Check filter for an SI 1 / SI 2 fuse conductor track short circuit
	Power module	Power module defect		***SI 1 short circuit*** => Check all the IGBTs for short circuits according to the spare-part kit enclosure => In the event of a short circuit: replace the respective LT on the right
	Filter board	Filter board defect		***SI 2 short circuit*** => Check all the IGBTs for short circuits according to the spare-part kit enclosure => In the event of a short circuit: replace the respective LT on the left
	Cable	Sub Lin cable plug has not been put on properly or the cable is defect		=> Enclosed 20 A Insert the safety fuse into the fuse holder on the filter ***Please note!*** The filter must be replaced if the fuse conductor tracks did not trip in the event of a short circuit!

Error message	Description	Possible cause of fault	Measuring	Decision
E 7	TC cannot allocate code received	Component error SubLin communication error ***Dummy plug for 3-fold induction*** The enclosed dummy plug must be inserted when the power component is connected for cooking zones that are not in use. ***"A1" feature*** Any PT sensor rupture will be shown as an E 7 error for A1..		Reset the network? ***Feature:*** Limit the error to the left or right power component with a display. E 7 blinks on the left cooking zone section = LT on the left faulty E 7 blinks on the right cooking zone section = LT on the right faulty ***Component exchange*** Sub-Lin cable + filter + respective LT See E 9 Sub-Lin cable 75.96955.275 Filter 75.96470.006 LT 3.2 KW 75.96470.436 LT 3.7 KW 75.96470.439 LT 3.7 KW 75.96470.442
E 9	PT sensor Mechanical or electrical defect	Mechanical break PT sensor Drifting resistance level Power module defect		Replace temperature sensor Replace the power module if the error pattern continues