











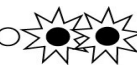










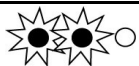







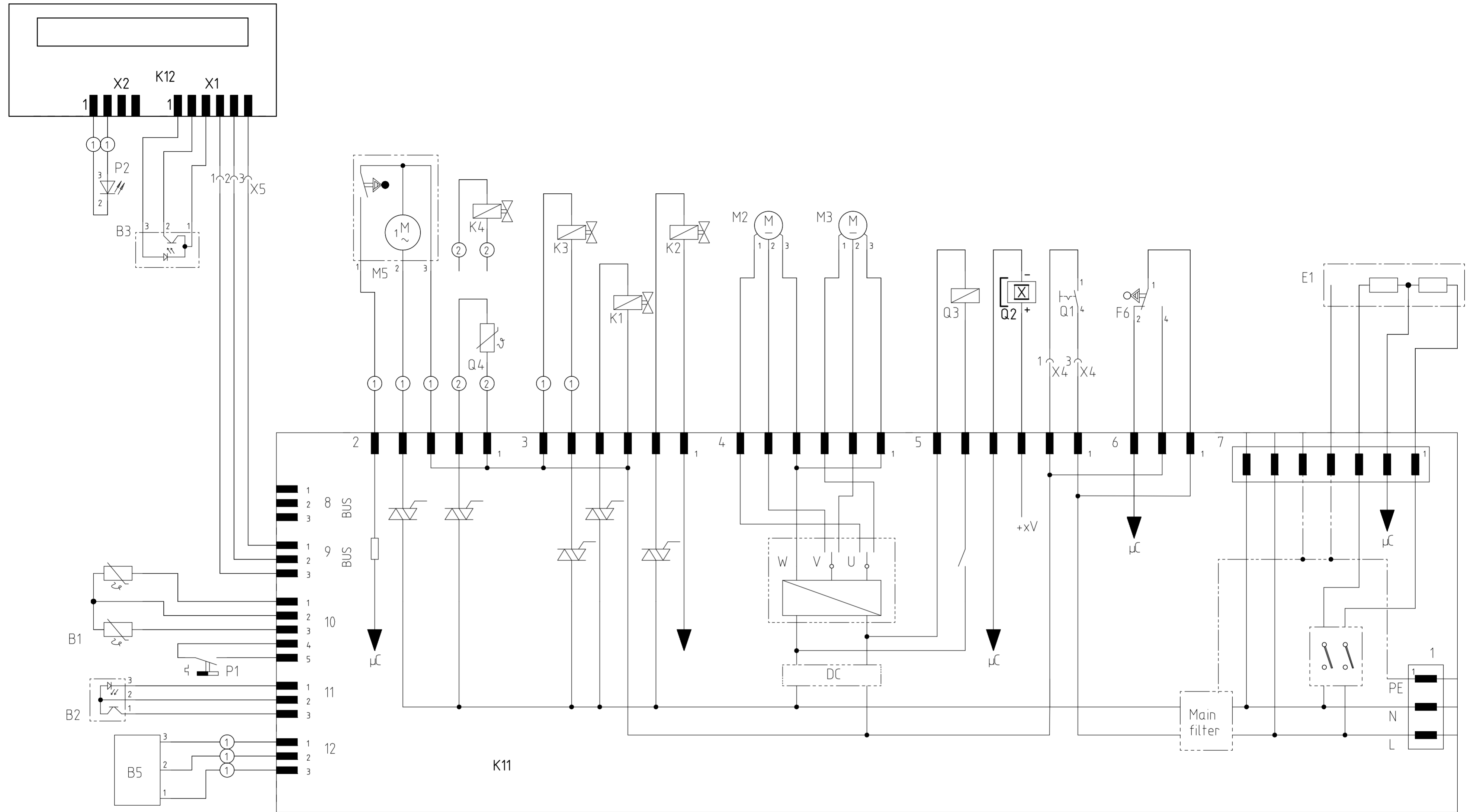
Function		Actuation		Display		Remarks			
Error class (failure group)		In Customer Service program		At Customer		Appliance behaviour in error case	Results of internal appliance check	Measures	
		LED's	Display	LED	Display				
		Act. Clean Sani  End 							
		○ ○ ○	E:00				No error		
Interface							Blinking LED's at end of Flash process Stop in current position, no function	Power cord of the appliance has to be disconnected (to activate on/off from main switch is not enough!) Communication issue within electronics > Verify D-Bus - connectors (3- pole) for electrical connection failure; > Disconnected power cord (plug out and then again plug in); > Repeat flash process; > Change Modul	
Power module		○ ○ 	E:01			E:01	→ End of program Low voltage / Voltage drop	Pump triggering or pump switching is defect No appliance error!	Change power module
			E:02			E:02	Running w/o heating	Working relay of heating is defect	Change power module
			E:03			E:03	→ End of program	Working relay / safety relay of heating is defect	
			E:04					Reserved	
			E:05			E:05	Water switch is running permanently Cancelation of program (Drain)	Impulses w/o activation Water switch triac defect	

Function		Actuation		Display		Remarks			
Error class (failure group)		In Customer Service program		At Customer		Appliance behaviour in error case	Results of internal appliance check	Measures	
		LED's	Display	LED	Display				
		Act. Clean Sani  End 							
Door			E:06			E:06	Stop in current position, no function	Hall-sensor defect, wire disconnected or power module defect Power module is functional ok, if plug is disconnected and Hall-sensor is feed with supply voltage. Otherwise change Hall-sensor.	
Heating			E:07			E:07	Function w/o additional drying-system.	Water in fan housing Heating-circuit Zeolite is intermittent, fan defect, optional electronic defect, wire is intermittent.	Measure Heating-circuit Zeolite (check zeolite-heater resistance, clixon and thermal fuse) Verify components =>only for appliance with additional drying-system
							Function w/o heating.	Heat pump detects too low water level in sump.	>Corner valve scaled >inlet house kinked >heat exchanger drain valve is leaky >until FD8904: Hydraulic resistance softener to high (e.g. detergent in salt box) >Overturned bowls / pots in appliance?
								Heating-circuit is intermittent (resistance, wire harness, safety relais pins on power module)	Measure heating resistance, check wires
			E:08			E:08			
			E:09			E:09			

Function		Actuation		Display		Remarks		
Error class (failure group)		In Customer Service program		At Customer		Appliance behaviour in error case	Results of internal appliance check	Measures
		LED's	Display	LED	Display			
		Act. Clean Sani  End 						
						Function w/o heating.	Thermal output to less, deposits on heating element.	Check water hardness; if necessary decalcify and clean. On repeat change heat pump.
							NTC-failure Failure in wire to NTC's	Measure NTC's, check wires.
							Reserved	
							Water temperature too high (> 75°C)	Safety measure - no failure! Check water inlet temperature .
Filling		 ○ ○					Flow sensor detects no impulses, even though circulation pump detects water.	Check wires, check flow sensor (Reed-switch)
							Safety switch base carrier active. Appliance can't be turned off.	Look / Search for cause of water in base carrier
							Water inlet (impulses from flow sensor) w/o activation of filling valve.	Check filling valve. Check triggering of filling valve.
							Water inlet amount according flow sensor too high	Check flow control in filling valve
							Waiting for water inlet. Program abort with draining	Check water inlet

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Error class (failure group)		In Customer Service program		At Customer		Appliance behaviour in error case	Results of internal appliance check	Measures	
		LED's	Display	LED	Display				
		Act. Clean Sani  End 							
Circulation pump			E:19				Reserved		
				E:20		E:20	→ End of program	Wrong resistance value of circulation pump	Check wires, measure coil.
				E:21		E:21	→ End of program	Circulation pump blocked	Check for foreign objects, if necessary renew
Drainpump			E:22				Reserved		
			E:23		E:23	→ End of program	Wrong resistance value of drain pump	Check wires, measure coil	
			E:24		●	E:24	→ End of program	Draining not possible. Pump cover missing?	Clean filters. Check water draining (hose kinked / blocked, pressure head, pump cover). Install pump cover.
								Circulation pump stiff?	Exchange circulation pump.
								Check valve leaky	Inspect check valve
		E:25		●	E:25	→ End of program	Drain pump blocked; possibly pump cover is missing	Check for foreign objects. Install pump cover	

Function	Actuation	Display				Remarks		
Error class (failure group)		In Customer Service program		At Customer		Appliance behaviour in error case	Results of internal appliance check	Measures
		LED's	Display	LED	Display			
		Act. Clean Sani  End 						
Waterswitch			E:26			Permanent activation of water switch	Impulses from water switch are missing despite triggering	Check wires. Measure supply voltage on motor. Check switch of water switch
			E:27					
Aquasensor			E:28			Function w/o aquasensor	Calibration of aquasensor not successful	Check wires. Dirt on aquasensor. Is appliance serially equipped with aquasensor?
General			E:29			Normal function	Reserved	
			E:30				Overvoltage	Not customer service relevant
			E:31				Measured value circulation pump	Not customer service relevant
			E:32				Measured value drain pump	Not customer service relevant



REF	Components	Path	REF	Components	Path
B1	Temperature sensor NTC	5	P1	Impeller meter	6-8
B2	Low salt sensor optical	4	P2	On light	3
B3	Low rinse aid sensor optical	5-6	Q1	Main switch	38
B5	Aqua sensor 1	6	Q2	Door switch	36
E1	Heater	47,48,50,51	Q3	Dispenser coil	34
F6	Safety pressure switch	40-41	Q4	Drainage actuator	17
K1	Regeneration valve	22			
K2	Filler valve	24			
K3	Drainage valve	20			
K4	Filler valve warm water	17			
K11	Power unit	9-51			
K12	Operating unit T	3-8			
M2	Circulation pump BLDC	26-27			
M3	Detergent solution pump BLDC	29-30			
M5	Water switch	12-15			

- ① Fitted depending on features
- ② Q4: only by storage tank, K4: only by second aquastop