



## FGB.2057 KIT PCB 960ELT FOR ELEKTRA / ELEKTRA COMPACT..

### BOARD ASSEMBLY INSTRUCTIONS

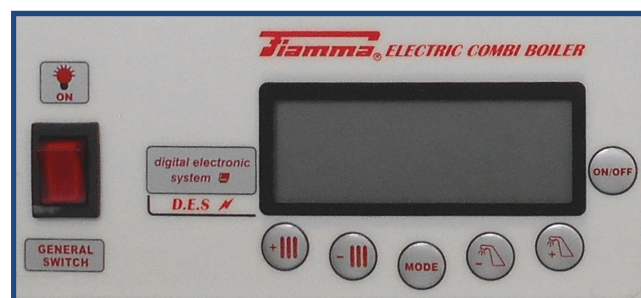


#### PARAMETER SETTING

To log in parameter menu, press simultaneously **+|||** and **+⌂** keys for 4 seconds.

The symbol  will appear on the display.

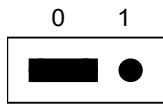
Key	Function
<b>-⌂</b>	Parameter value decrease
<b>+⌂</b>	Parameter value increase
<b>ON/OFF</b>	Exit by parameters menu
<b>+   </b>	Parameter index increase
<b>-   </b>	Parameter index decrease



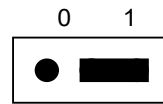
#### PARAMETERS

Function	Display	Default	Range
External probe enable (SE)	idx: 001	0	0 - 1
Building dispersion coefficient	idx: 002	35	5 - 35 °C
Sanitary water post-circulation duration	idx: 003	15	1 - 180 sec
Central heating post-circulation duration	idx: 004	30	1 - 180 sec
Primary exchanger ON delay	idx: 005	0	0 - 240 sec
Min. temperature of primary exchanger for circulator ON	idx: 006	30	0 - 50 °C
Sanitary water delivery differential	idx: 007	15	0 - 20 °C
Type of sanitary water storage tank	idx: 008	0	0 = internal with probe 1 = external with thermostat 2 = external with probe
Type of sanitary water request sensor	idx: 009	1	0 = flow switch + three-way pneumatic 1 = flow meter + three-way electric
PWM circulator operation speed	idx: 010	4	1 = 400 l/h    3 = 1.000 l/h 2 = 800 l/h    4 = 1.200 l/h

## SELECTION JUMPERS (move jumpers with the board not powered)



Jumper in position 0



Jumper in position 1

Jumper	0	1	Default
JP7	High temperature heating system (radiators)	Low temperature heating system (floor)	0
JP8	Combined application	Central heating only application	0
JP9	Sanitary water system with storage tank	Instantaneous sanitary water system	0
JP10	Boiler application	Screed warmer application	0

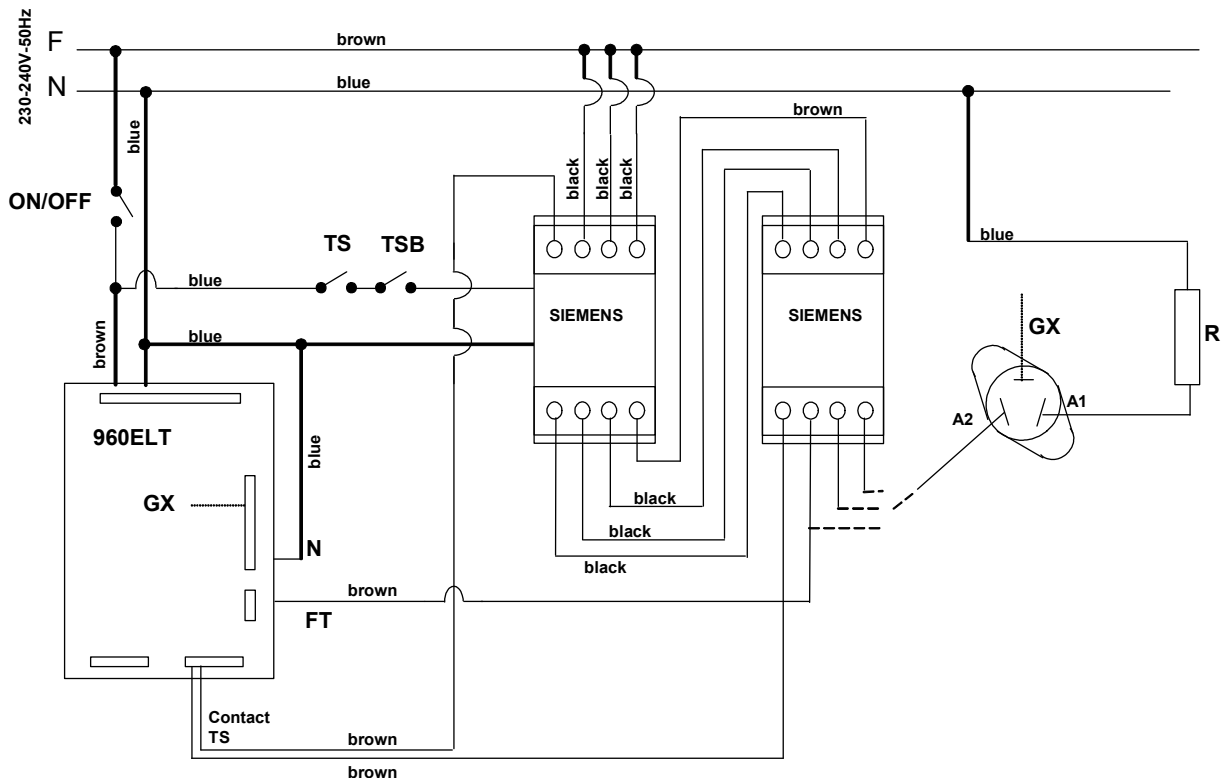


Series	Elektra	Elektra Compact
Parameter	P : 9	0
Parameter	P : 9	1

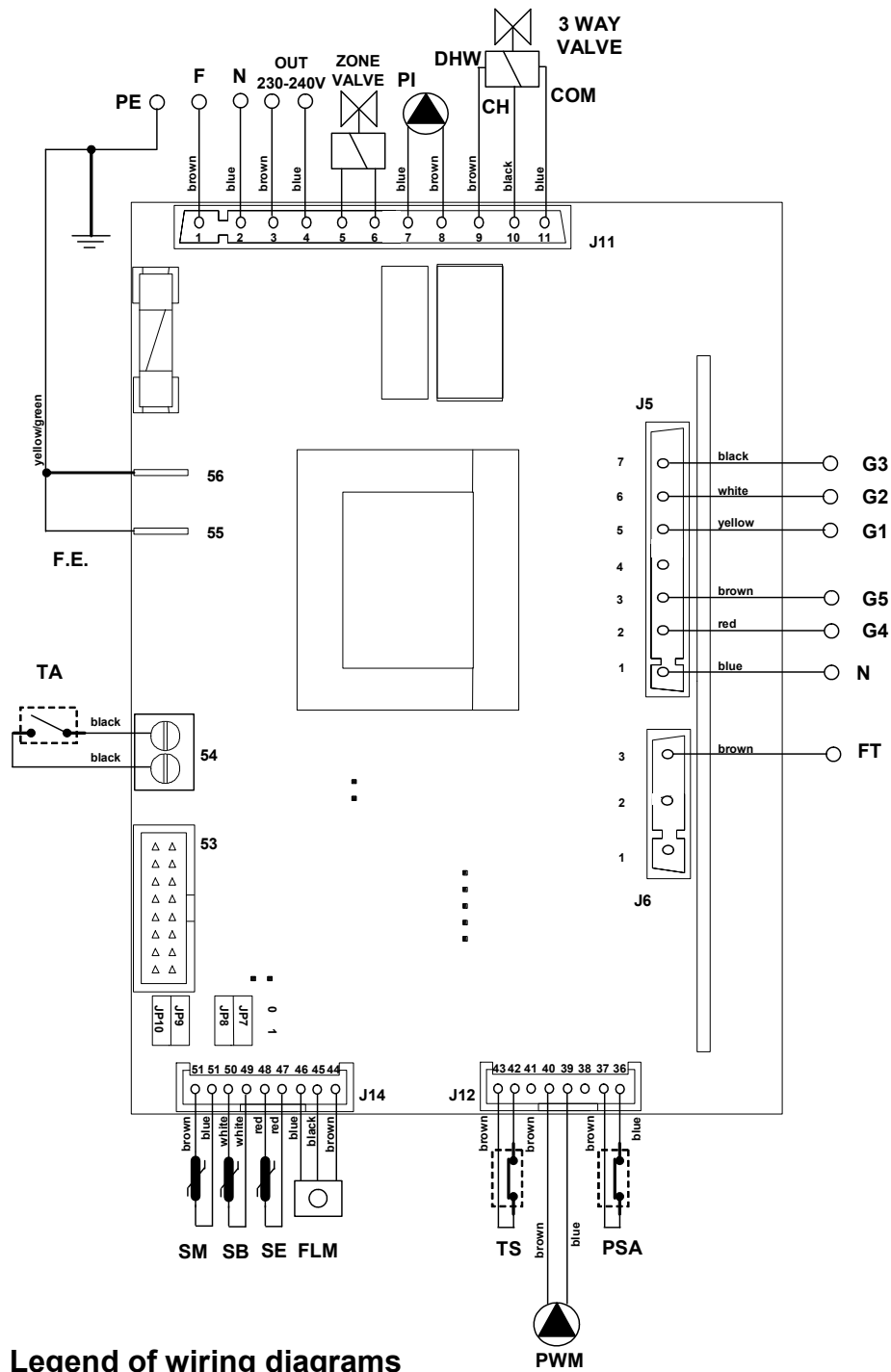
  

Models-> Jumper	BP-L	BP-C	C	N
JP7	— .	— .	— .	— .
JP8	— .	— .	— .	— .
JP9	— .	— .	— .	— .
JP10	— .	— .	— .	— .

## GENERAL WIRING DIAGRAM - POWER (Single-phase)



## WIRING DIAGRAM (single phase)



### Legend of wiring diagrams

Phase	<b>F</b>	Gate command, triac no. 1	<b>G1</b>
Neutral	<b>N</b>	Gate command, triac no. 2	<b>G2</b>
Contactor sectioned phase	<b>FT</b>	Gate command, triac no. 3	<b>G3</b>
Pump	<b>PI</b>	Gate command, triac no. 4	<b>G4</b>
Sanitary water diverter valve control	<b>DHW</b>	Gate command, triac no. 5 (tank)	<b>G5</b>
Central heating diverter valve control	<b>CH</b>	Delivery probe	<b>SM</b>
Diverter valve common	<b>COM</b>	External probe	<b>SE</b>
Sanitary water flow meter	<b>FLM</b>	Sanitary water storage tank probe	<b>SB</b>
Safety earth point on the application	<b>PE</b>	Safety thermostat	<b>TS</b>
Main switch (also disconnects the board)	<b>ON/OFF</b>	Room thermostat	<b>TA</b>
Functional earth derived from the earth point	<b>F.E.</b>	Water pressure switch	<b>PSA</b>
Sanitary water storage tank safety thermostat	<b>TSB</b>		

*official distributor for the United Kingdom (GB)*



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