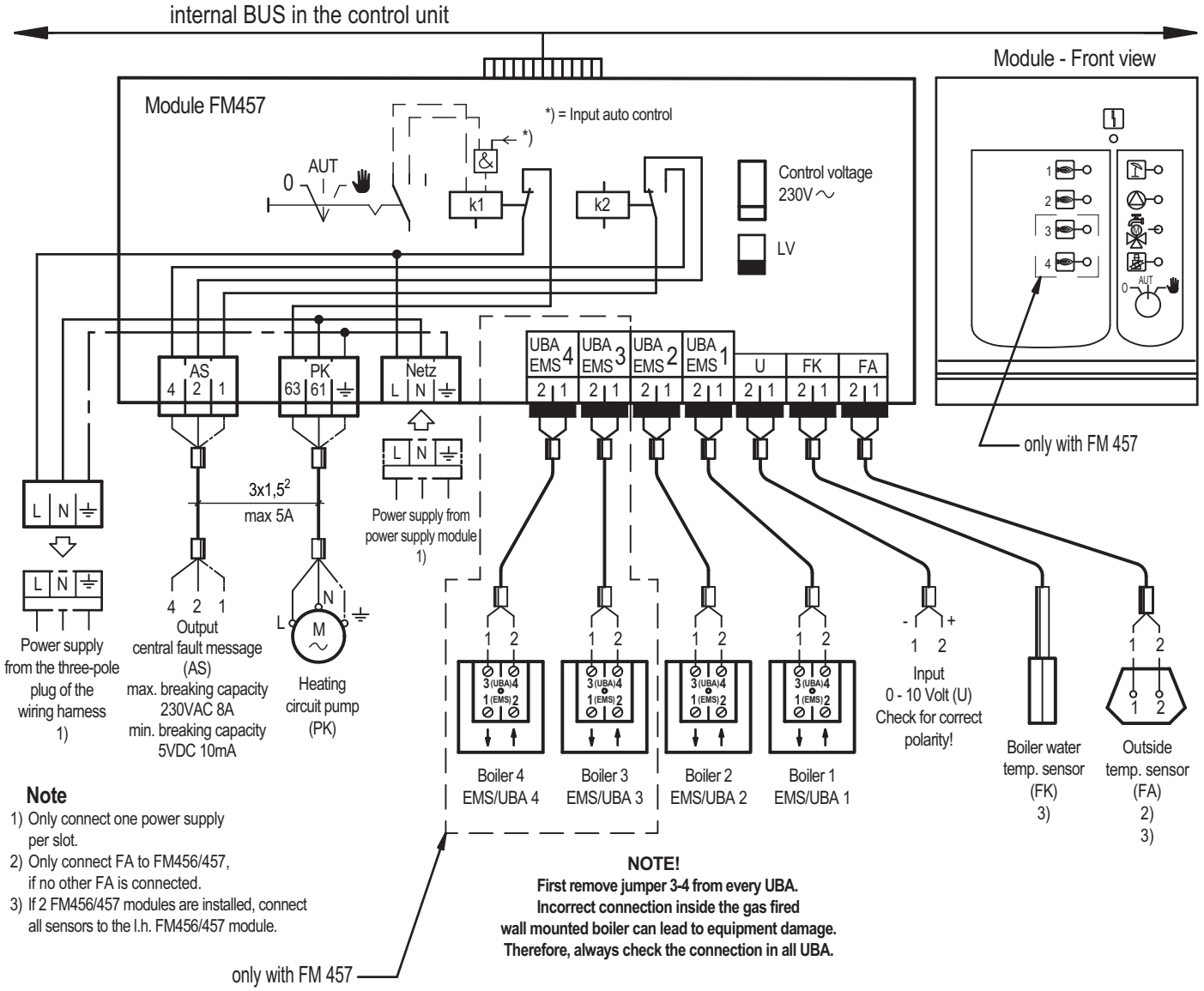
GB



Note

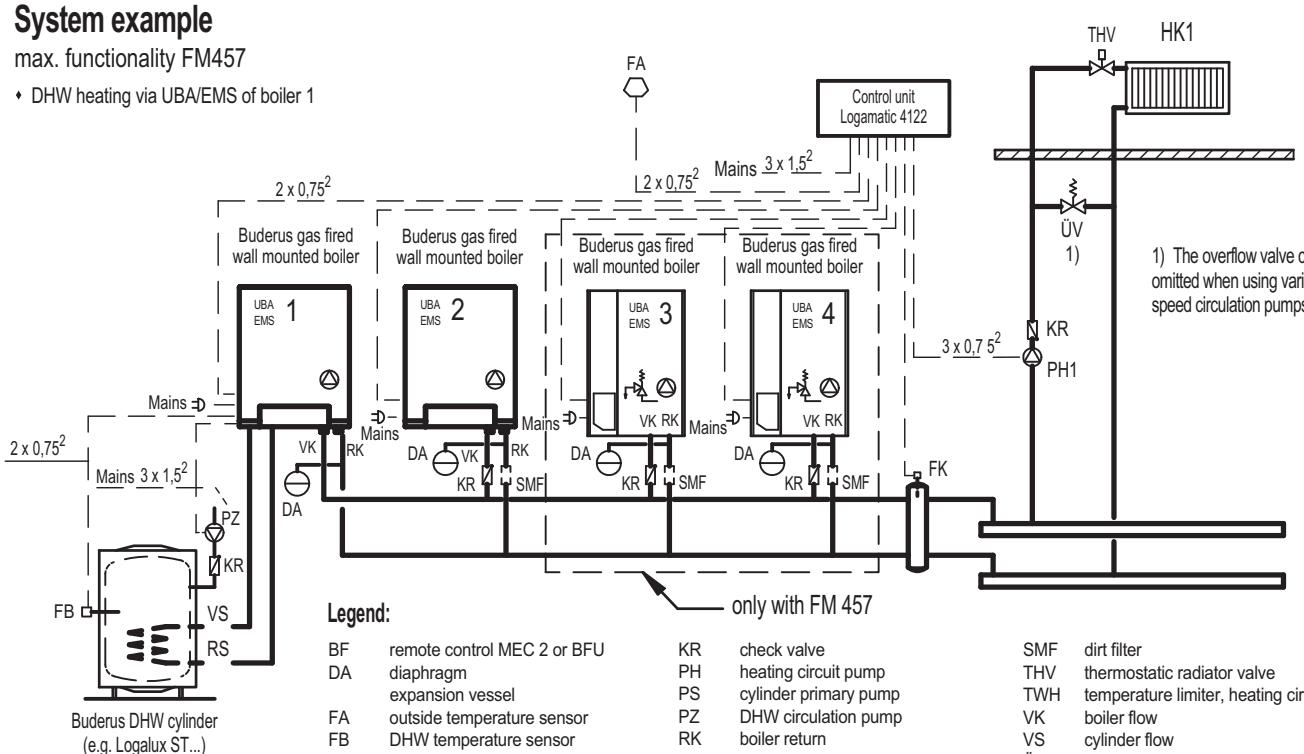
1) Only connect one power supply per slot.
2) Only connect FA to FM456/457, if no other FA is connected.
3) If 2 FM456/457 modules are installed, connect all sensors to the l.h. FM456/457 module.

NOTE!
First remove jumper 3-4 from every UBA. Incorrect connection inside the gas fired wall mounted boiler can lead to equipment damage. Therefore, always check the connection in all UBA.

System example

max. functionality FM457

- DHW heating via UBA/EMS of boiler 1



Legend:

BF	remote control MEC 2 or BFU	KR	check valve	SMF	dirt filter
DA	diaphragm expansion vessel	PH	heating circuit pump	THV	thermostatic radiator valve
FA	outside temperature sensor	PS	cylinder primary pump	TWH	temperature limiter, heating circuit
FB	DHW temperature sensor	PZ	DHW circulation pump	VK	boiler flow
FK	boiler water temperature sensor	RK	boiler return	VS	cylinder flow
FV	flow temperature sensor	RS	cylinder return	ÜV	overflow valve
HK	heating circuit	SA	line regulating and shut-off valve	UBA	universal automatic burner control unit for Buderus gas fired wall mounted boilers
		SH	servomotor, heating circuit (mixer)	EMS	Energy Managment System for Buderus boilers