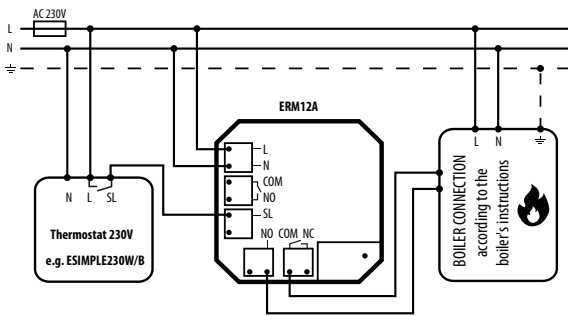


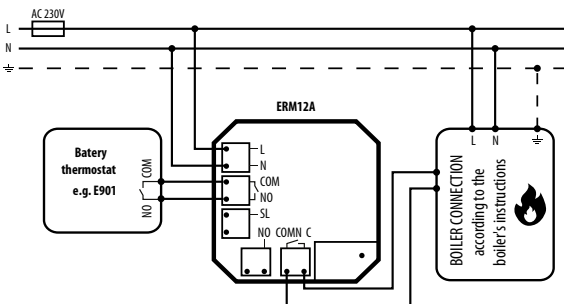
WIRING DIAGRAM - ERM12A

Relay Module 12A

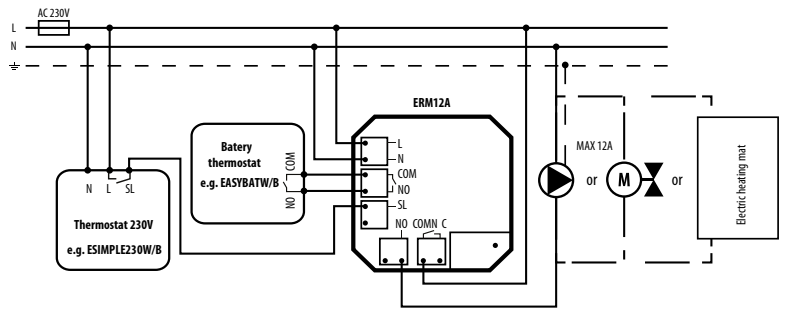
a) Connection of a 230 V AC voltage thermostat, e.g. ESIMPLE230W/B, to a boiler equipped with an ON/OFF voltage free input.



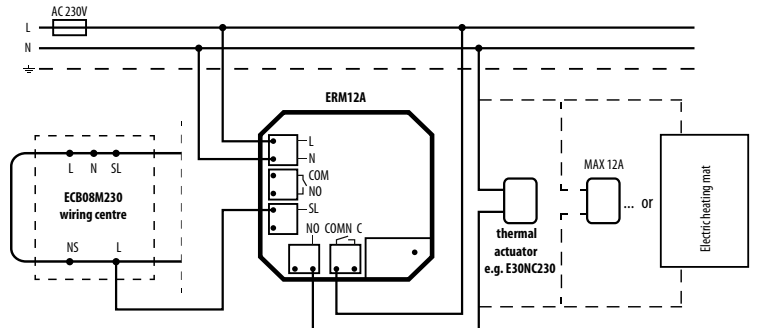
b) Connecting a battery thermostat (e.g. ENGO E901) with a COM/NO output (normally open contacts) to solid fuel boiler controller that requires a COM/NC (normally closed) contact.



c) Connecting a 230 V AC voltage thermostat or a battery thermostat with a COM/NO output to an electrical device which requires greater power than is allowed by the thermostat's built-in relay. ATTENTION! The maximum power consumption of the electrical device must not exceed 12A.



Connection of the ENGO ECB08M230 wiring centre's zone with more than 6 thermoelectric actuators or other devices than actuators (e.g. pumps, electric heating mats). Controlled device power load is focused on the ERM12A relay rather than wiring centre's zone relay.



LEGEND

	Battery powered		PE Ground (electricity)		Wireless communication
	Fuse		Pump		Heating mode
L, N	230V AC power supply		Valve actuator	S	Occupancy sensor or ON/OFF contact
COM, NO, NC	Voltage-free output		Temperature sensor	S1, S2	Input terminals
	Boiler - Boiler connection * - Boiler's contacts for ON/OFF thermostat (according to the boiler's instructions)		Thermoelectric actuator	SL →	230V AC voltage output