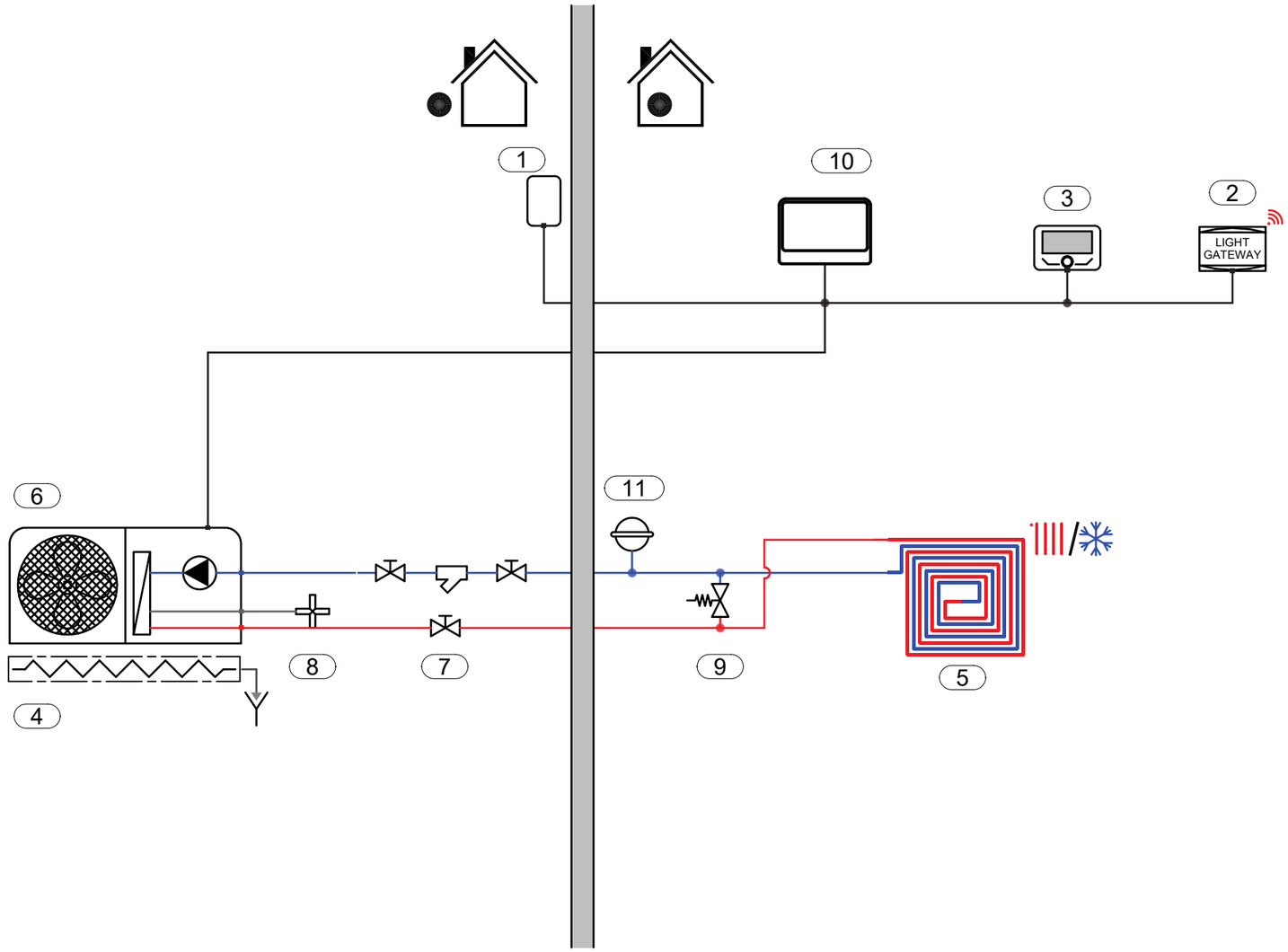
Pos.	Description
1	EXTERNAL PROBE
2	LIGHT GATEWAY
3	SYSTEM INTERFACE
4	HE KIT BELOW ODU + DRAIN PAN
5	UNDER FLOOR HEATING-COOLING
6	EXTERNAL UNIT HHP - MONOBLOC 1 -PH OR 3-PH
7	KIT VALVES AND FILTER
8	KIT ANTI-FREEZE
9	BY-PASS VALVE
10	LIGHTBOX
11	EXPANSION VESSEL - HEATING



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SCHEME			SCHEME NAME
Hydraulic			EN_001_PCM4.PK_HC_1D
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Pos.	Description
1	EXTERNAL PROBE
2	LIGHT GATEWAY
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4	HE KIT BELOW ODU + DRAIN PAN
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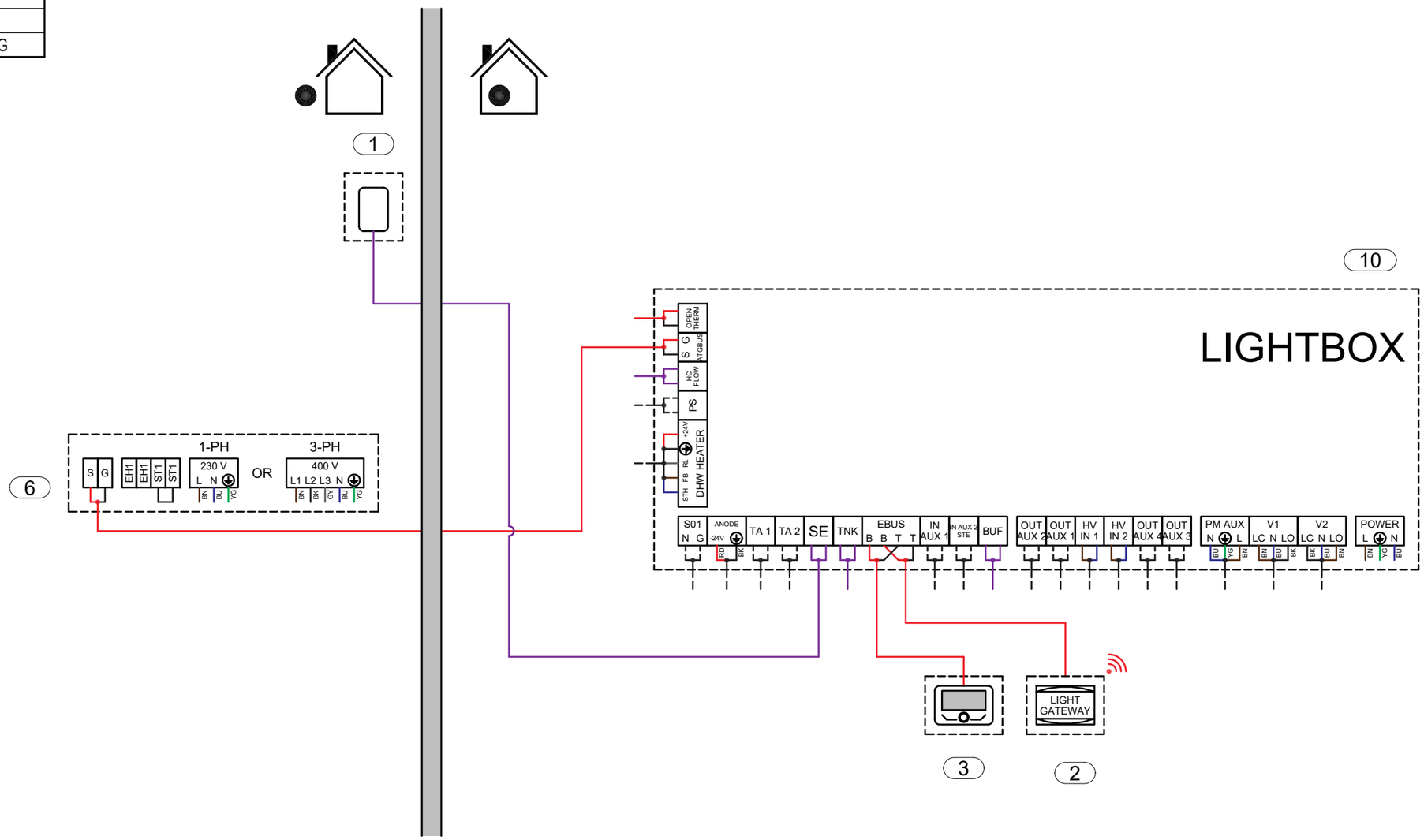

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SCHEME			SCHEME NAME
Electrical			EN_001_PCM4.PK_HC_1D
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Legend	
Hydraulic	
	Hot water
	Cold water
	DHW hot water
	DHW cold water
	DHW mixed water
	DHW recirculation water
	Refrigerant fluid
	Gas connection
	Electric connection
Electric	
	BN Brown (L1)
	BU Blue (N)
	YG Yellow green (PE)
	BK Black (L2)
	GY Grey (L3)
	RD Red
	Dry contact
	BUS connection
	Generic signal
	Sensor signal

Legend	
Hydraulic components	
	2-WAY VALVE
	CIRCULATOR GENERIC
	BY-PASS VALVE
	MAGNETIC FILTER
	DISCHARGE
	POLYPHOSPHATE FEEDER
	SAFETY VALVE
	SYPHON
	NON RETURN VALVE
	SHUT-OFF VALVE
A AB B	THERMOSTATIC MIXING VALVE
	BALANCING VALVE

Legend	
Drawing symbols	
	INLET OR OUTLET AIR BLUE
	INLET OR OUTLET AIR RED
	COOLING
	HEATING
	HEATING-COOLING
	WIFI

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MENU	N° PARAMETER	NAME	DESCRIPTION-OPTIONS	VALUE TO BE SET	RANGE	DEFAULT
HHP Energy Manager	1.0.0	IDU type	Defines the type of the internal unit: 0 = None ¦ 2 = Hydraulic module ¦ 3 = Light	3 = Light	[0-3]	3
	1.0.1	ODU type	Defines the type of the outdoor unit: 1 = Heat Pump	1 = Heat Pump	1	1
	1.0.2	Tank management	In case of DHW tank, to set which kind of sensor the DHW charge is managed through: 0 = None ¦ 1 = Storage with NTC ¦ 2 = Storage with Thermostat	0 = None	[0-2]	0
	1.1.8	System flow T selection	Defines which kind of device is used by the product to determine flow temperature to system: 0 = HP water flow temp ¦ 1 = System flow T	0 = HP water flow temp	[0-1]	0
	1.8.0	Cooling mode activation	Activates the cooling mode: 0 = Not active ¦ 1 = Active	Up to user	[0-1]	0
	1.12.9	Exogel kit activation	to activate when the antifreez kit is installed: 0 = OFF ¦ 1 = ON	1 = ON	[0-1]	1
Zone 1 parameter (For all thermoregulation parameters refer to the installer manual)	4.8.3	Heating Controller	Define with which device the heat request is performed 0 = None 1 = Room thermostat (Thermostat connected to TA1 of Energy Manager) 2 = Room sensor (Room sensor on eBus2)	2 = Room sensor	[0-2]	2
	4.8.4	Cooling controller	Define with which device the heat request is performed 0 = None | 1 = Room thermostat | 2 = Room sensor	If the cooling mode is active (1.8.0 = 1) set: 2 = Room sensor	[0-2]	2
	User Menu/Zones Management	Operatione Mode	Define the operation mode of the zone - Off (heat request inhibited) - Manual (setpoint temperature for the zone is maintained for 24h) - Time program (setpoint temperature of the zone follows the hourly programme profile. In case of Room thermostat, the reduced temperature level inhibits the heat request)	Up to user		
	4.2.9	Heat request mode	Define the Heat request mode for the zone 0 = Standard 1 =RT time program exclusion (In case of Room thermostat, the reduced temperature level doesn't inhibit the heat request) 2 = Forcing heat demand (Heat request always true)	Up to user	[0-2]	0

SOFTWARE COMPATIBILITY	
New Sensys	Starting from 00.07.12
EM2.0	Starting from 22.05.27
TDM	Starting from 21.01.186

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