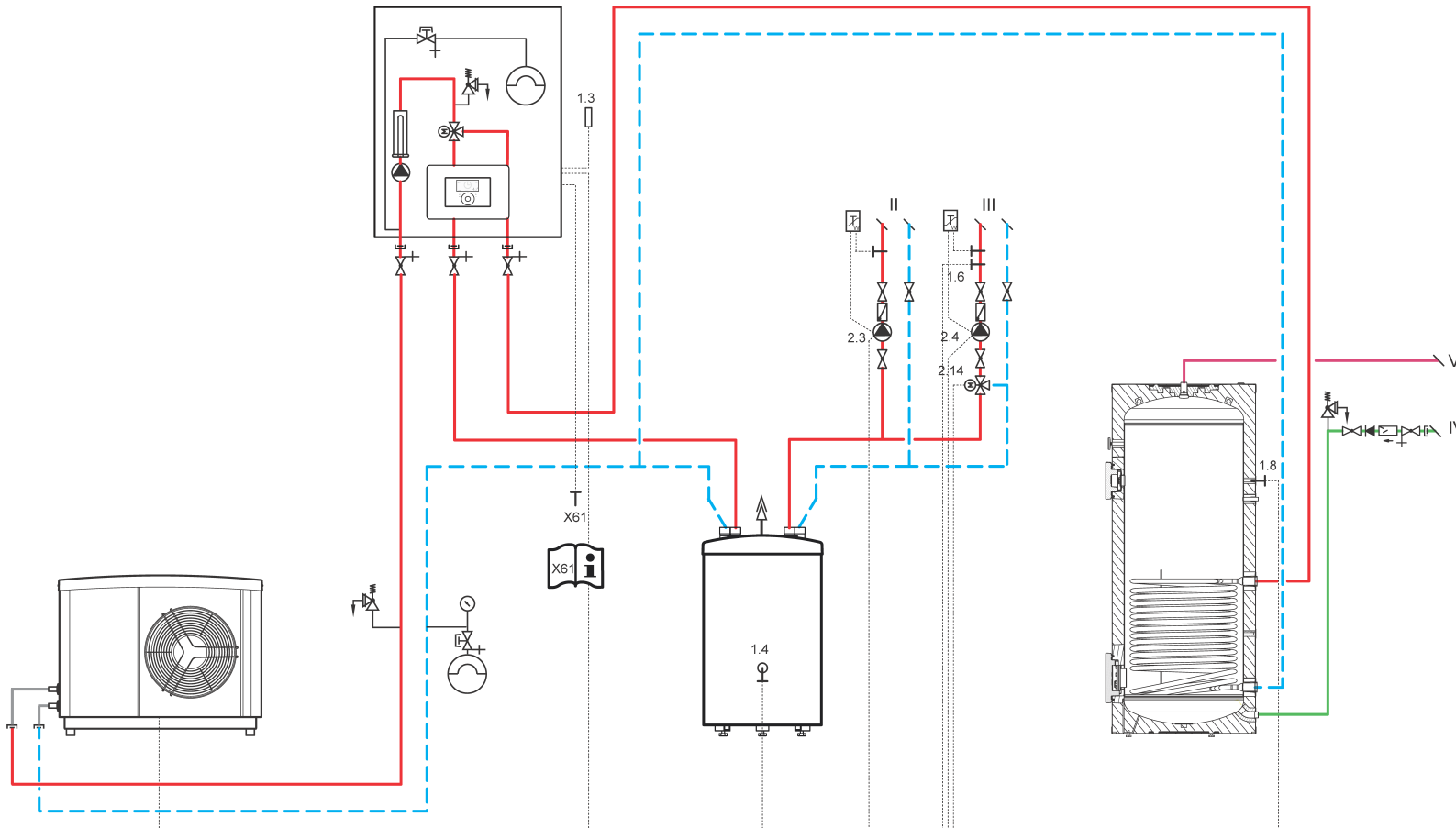













AF1-00-00-02-15-11-12

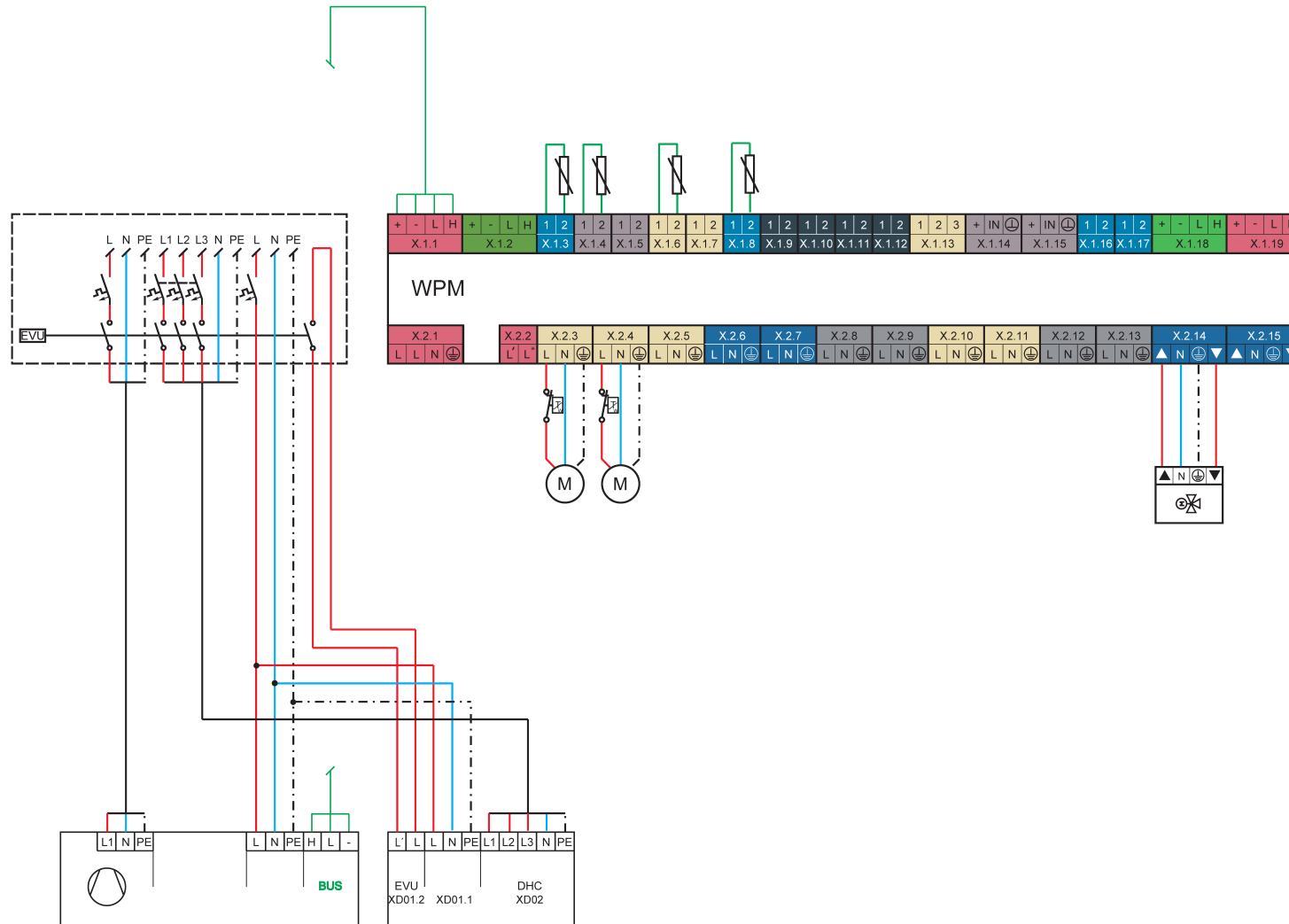













-  Air
-  Outdoor installation
-  WPL 17 ACS classic
-  Heat pump 230V
-  Auxiliary heating 400V
-  SBP 100 classic
-  SBB
-  2 heating circuits
-  No 2. heat source
-  Without cooling
-  Without pool

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The drawing is a system sketch and does not replace the project-specific planning.

AF1-00-00-02-15-11-12



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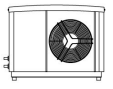
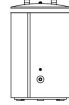

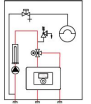
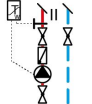
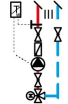
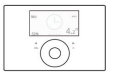
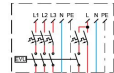

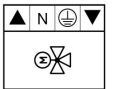
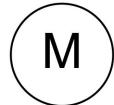
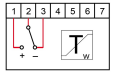
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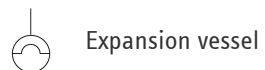
WPMsystem | LWZ

1.1	CAN A	2.1	Power supply	3.1	CAN A	4.1	Power supply	I	Heat source
1.2	CAN B	2.2	Pump L	3.2	CAN B	4.2	Pump L	II	Heating circuit radiator
1.3	Sensor outside temperature	2.3	Heating circulation pump 1	3.3	Sensor Buffer 2	4.3	Heating circulation pump 4	III	Heating circuit underfloor heating
1.4	Sensor Buffer or heating circuit 1	2.4	Heating circulation pump 2	3.4	Primary pool sensor	4.4	Heating circulation pump 5	IV	Cold water inlet
1.5	Sensor forward flow	2.5	Heating circulation pump 3	3.5	Secondary pool sensor	4.5	DHW loading pump 2	V	DHW outlet
1.6	Sensor heating circuit 2	2.6	Buffer loading pump 1	3.6	Sensor heating circuit 4	4.6	Buffer loading pump 3	VI	DHW circulation
1.7	Sensor heating circuit 3	2.7	Buffer loading pump 2	3.7	Sensor heating circuit 5	4.7	Buffer loading pump 4	VII	Swimming pool
1.8	Sensor DHW cylinder	2.8	DHW loading pump	3.8	Sensor DHW cylinder 2	4.8	Buffer loading pump 5	VIII	Solar panel
1.9	Sensor heat source	2.9	Heat source pump / Defrost	3.9	Differential sensor 1.1	4.9	Buffer loading pump 6	IX	Differential controller
1.10	Sensor second heat source	2.10	Error output	3.10	Differential sensor 1.2	4.10	Differential controller output 1		
1.11	Sensor Forward flow cooling	2.11	Circulation pump / Second heat source DHW	3.11	Differential sensor 2.1	4.11	Differential controller output 2	MFA	Multi functional output for
1.12	Sensor Circulation / Buffer 2	2.12	2nd heat source heating	3.12	Differential sensor 2.2	4.12	Primary swimming pool pump		Solarpump /
1.13	Remote control FE 7	2.13	Cooling	3.13	Sensor Reserve	4.13	Secondary swimming pool pump		2nd heat source / Cooling /
1.14	Analog input 1 (0...10V / 4...20mA)	2.14	Mixer heating circuit 2	3.14	Analog input 3 (0...10V / 4...20mA)	4.14	Mixer heating circuit 4		Circulation pump /
1.15	Analog input 2 (0...10V / 4...20mA)	2.15	Mixer heating circuit 3	3.15	Analog input 4 (0...10V / 4...20mA)	4.15	Mixer heating circuit 5		2nd heat source DHW
1.16	PWM Output 1			3.16	PWM Output 3				
1.17	PWM Output 2			3.17	PWM Output 4				
1.18	CAN B			3.18	CAN B				
1.19	CAN A			3.19	CAN A				

WPM3 | WPMi

1	Heat pump	2a	Temperature sensor: Outside temperature	2f	Temperature sensor: Heat source 2	3	Circulation pump: Heat pump - heat source	3e	Circulation pump: Swimming pool
2	Control unit: WPM	2b	Temperature sensor: Return temperature	2g	Temperature sensor: Heat source	3a	Circulation pump: Heat pump - heating side	3f	Circulation pump: Solar DHE heating
2-1	Swimming pool module: MSM	2c	Temperature sensor: Flow temperature	2h	Temperature sensor: Swimming pool water heating	3b	Circulation pump: DHW heating	3g	Circulation pump: Solid fuel boiler
		2d	Sensor DHW	2k	Temperature sensor: Solar panel	3c	Circulation pump: Heating circuit 1		
		2e	Temperature sensor: Mixer control	2s	Temperature sensor: Storage tank - solar system/ Cooling	3d	Circulation pump: Heating circuit 2		

	WPL ACS classic Heat pump		SBP 100 classic Heating buffer		SBB Water heating
	HM Trend hydraulic module		WPKI-HK E Heating circuit radiator		WPKI-HKM E Heating circuit underfloor heating
	FET/FEK remote Control		House connection Electrical wiring diagram		switching valve Electrical wiring diagram
	mixer Electrical wiring diagram		circulating pump Electrical wiring diagram		Protection thermostat Electrical wiring diagram



Expansion vessel



Circulation pump



Mixing valve



Changeover valve



Filter



Safety valve



Vent



Gravity brake



Shut-off



Filling and drain cock



Contact thermostat



Flow sensor



Pressure indicator



Brine pressure limiter



Central Thermostat ZTA



Heat exchanger



Vibration damper



Booster heating DHC



Screw-in radiator BGC



Electric heating flange FCR