

Quick start guide

SolvisMia/SolvisMia MJ24

Installation aid for electrical installation



1 SolvisMia with SolvisBen / SolvisMax Hybrid

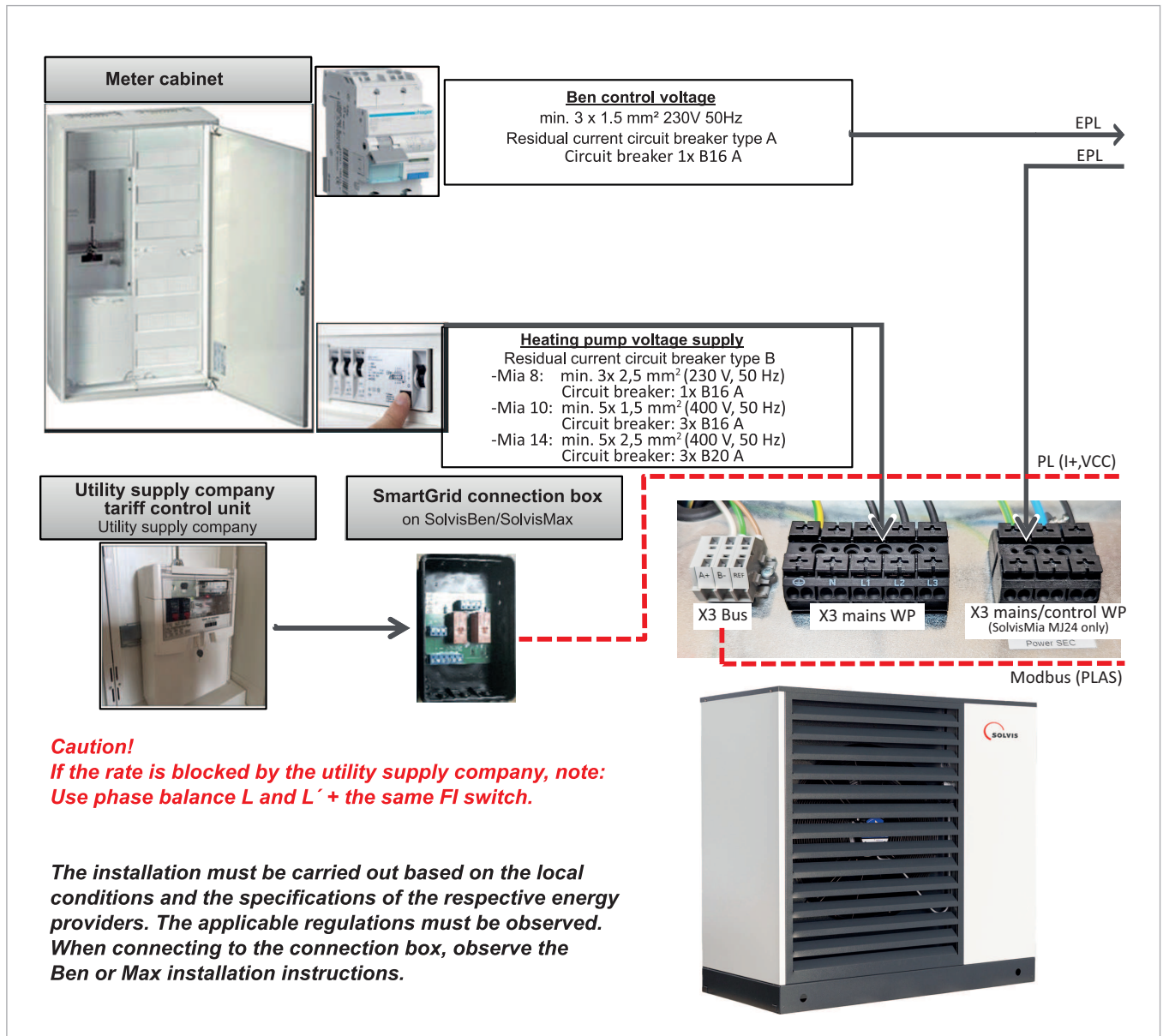
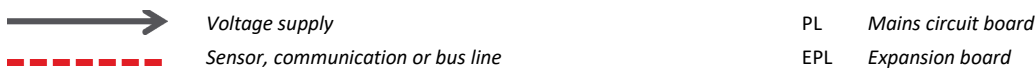


Fig. 1: Installation aid for SolvisBen / SolvisMax Hybrid with SolvisMia / SolvisMia MJ24 and utility supply company connection - Part 1



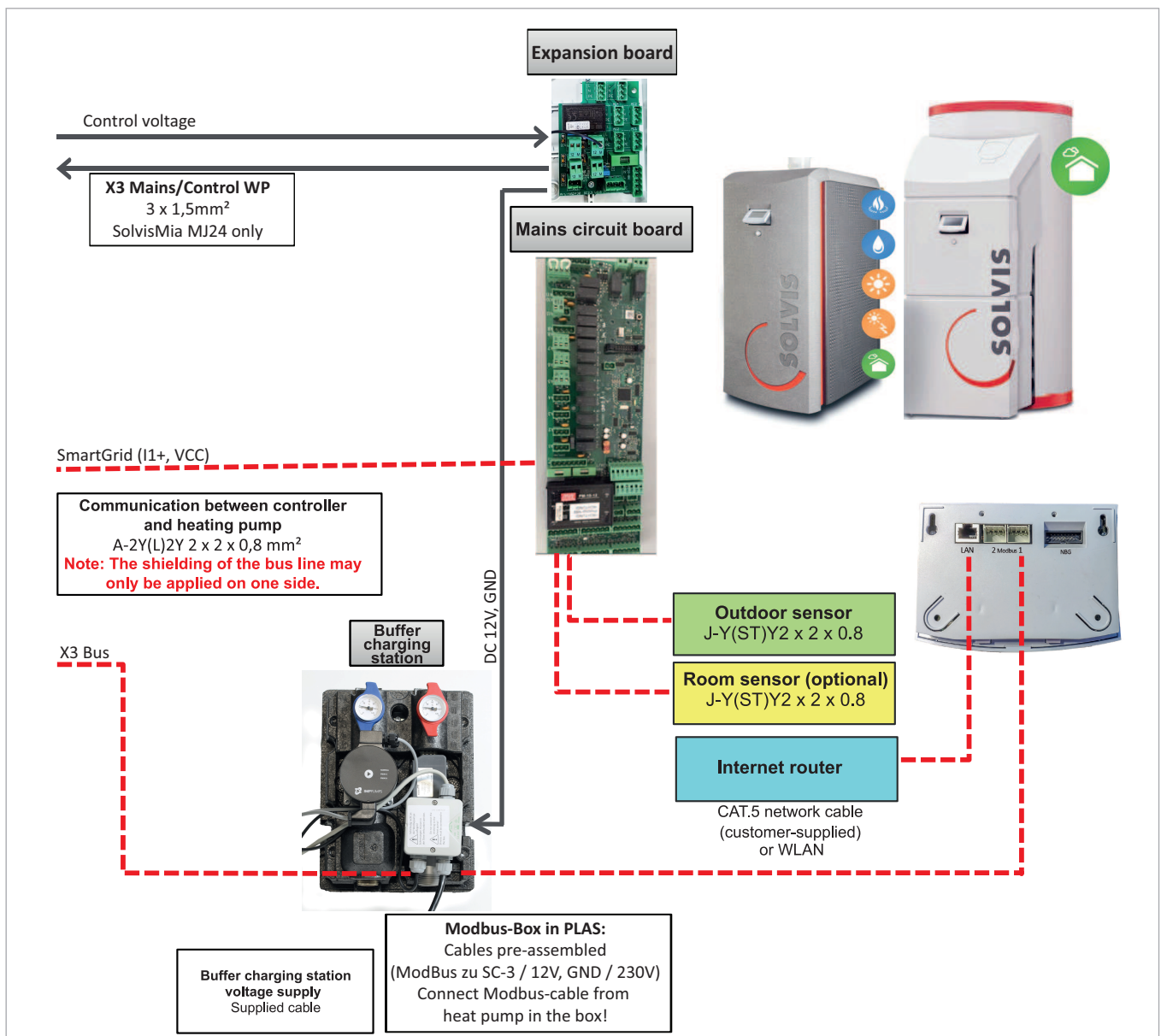


Fig. 2: Installation aid for SolvisBen / SolvisMax Hybrid with SolvisMia / SolvisMia MJ24 and utility supply company connection - Part 2

This diagram is not a substitute for detailed technical planning. To ensure the correct function of the system, our installation, operating and maintenance instructions must be followed. When establishing a network connection, do not rely solely on the information provided – always consult the network operator.

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2 SolvisMia with SolvisBen / SolvisMax WP HPT

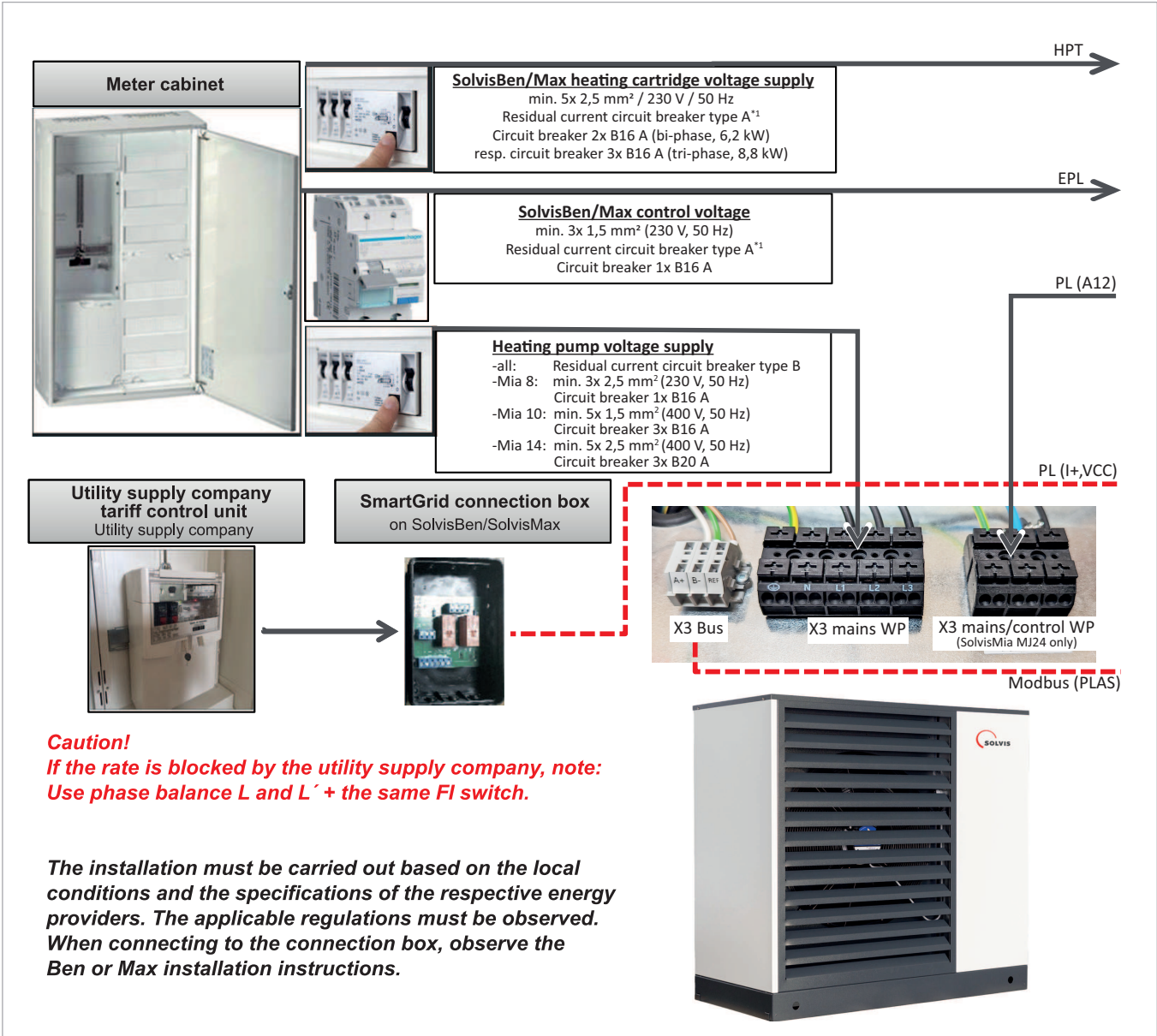


Fig. 3: Installation aid for SolvisBen / SolvisMax WP HPT with SolvisMia / SolvisMia MJ24 and utility supply company connection - Part 1

	Voltage supply
	Sensor, communication or bus line
PL	Mains circuit board
EPL	Expansion board
*1	Residual current circuit breakers (RCDs) can be used together for the labelled assemblies depending on the rated current. Separate RCDs are recommended for fail-safe operation.
*2	In contrast to the illustrated PLAS-WP-WM (2-line), a 1-line PLAS can be installed (e.g. with SolvisBen WP-HPT-VSG). In this case, no Modbus box is installed on the PLAS.

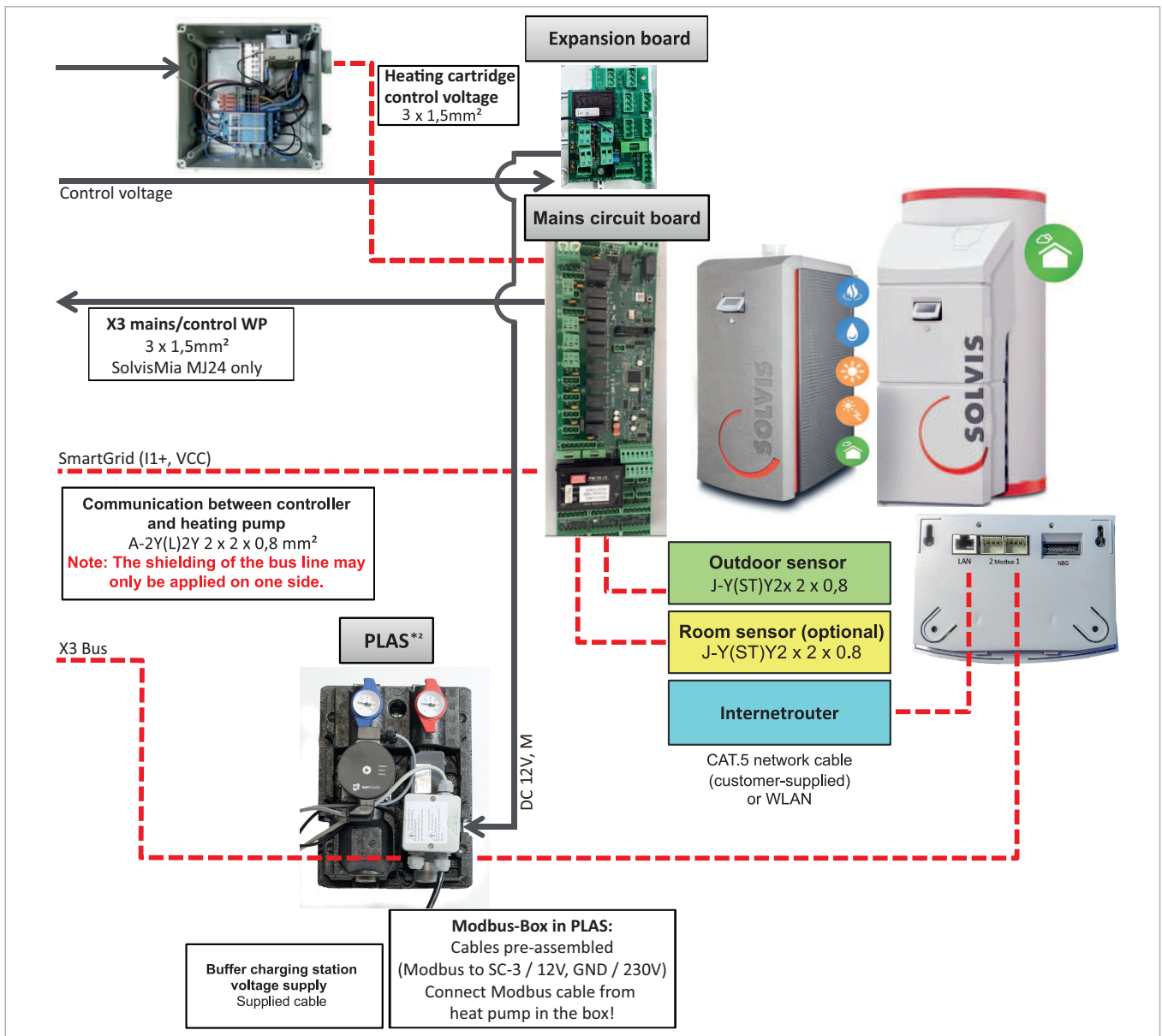


Fig. 4: Installation aid for SolvisBen / SolvisMax WP HPT with SolvisMia / SolvisMia MJ24 and utility supply company connection - Part 2

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3 Electrical data

Designation	Unit	SolvisMia 8	SolvisMia 10	SolvisMia 14
Max. power consumption (without emergency heating)	[kW]	3.13	4,95	6,1
Power consumption emergency heating*	[kW]	6.2 (connection 2L/N/PE)	6.2 (connection 2L/N/PE) 8.8 (connection 3L/N/PE)	8.8 (connection 3L/N/PE)
Protection class	[-]	IP43		
Frequency	[Hz]	50		
Max. operating current	[A]	13,82	7.26	9,34
Starting current	[A]	< 2,42	< 1,28	< 1,87
Compressor protection	[-]	1 x B16 A	3 x B16 A	3 x B20 A
Emergency heating protection	[-]	2 x B16 A	2 x B16 A / 3 x B16 A	3 x B16 A
Controller protection	[-]	SolvisMia: via compressor fuse protection SolvisMia MJ24: via mains module / extension board		
Compressor phases	[-]	1/N/PE	3/N/PE	
Emergency heating phases	[-]	2L/N/PE	2L/N/PE / 3L/N/PE	3L/N/PE
Controller phases	[-]	1/N/PE		
Emergency heating rated voltage	[V]	230		

Unless otherwise specified, all data applies to both SolvisMia and SolvisMia MJ24.

*For SolvisMia 8, the two-phase connection with 6.2 kW is recommended. For SolvisMia 10, the output should be selected according to the coverage gap at NAT. For SolvisMia 14, the three-phase connection with 8.8 kW is recommended.



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