



# Compress 5800i with pre-plumbed cylinder

## System schematic and wiring diagrams

4kW to 7kW.





## Compress 5800i 4-7kW

### Pre-plumbed systems

#### System

#### Wiring

CS5800i AW R-S Single zone UFH with pre-plumbed cylinder

CS5800i AW R-S Single Zone Radiator with Pre-Plumbed Cylinder

CS5800i AW R-S 3rd party solution with a pre-plumb cylinder

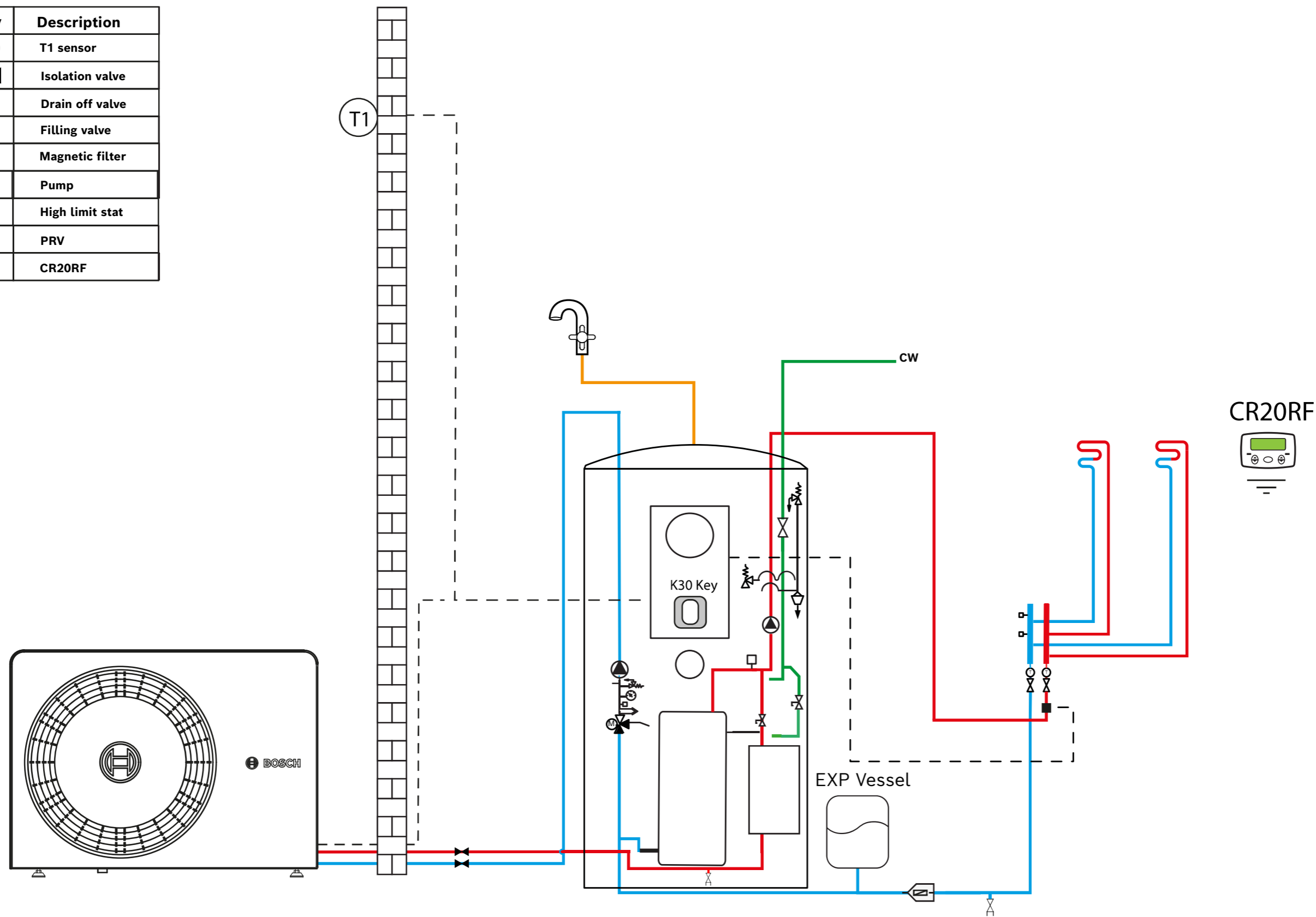
CS5800i AW 2Z, one open circuit, 3rd party controls with a pre-plumbed cylinder

CS5800i AW 2Z, 2 UFH , 3rd party pump and mixer with a pre-plumbed cylinder

CS5800i AW 2Z 1 Rad, 1UFH , RT800, 3rd Party Pump with a Pre-Plumbed Cylinder

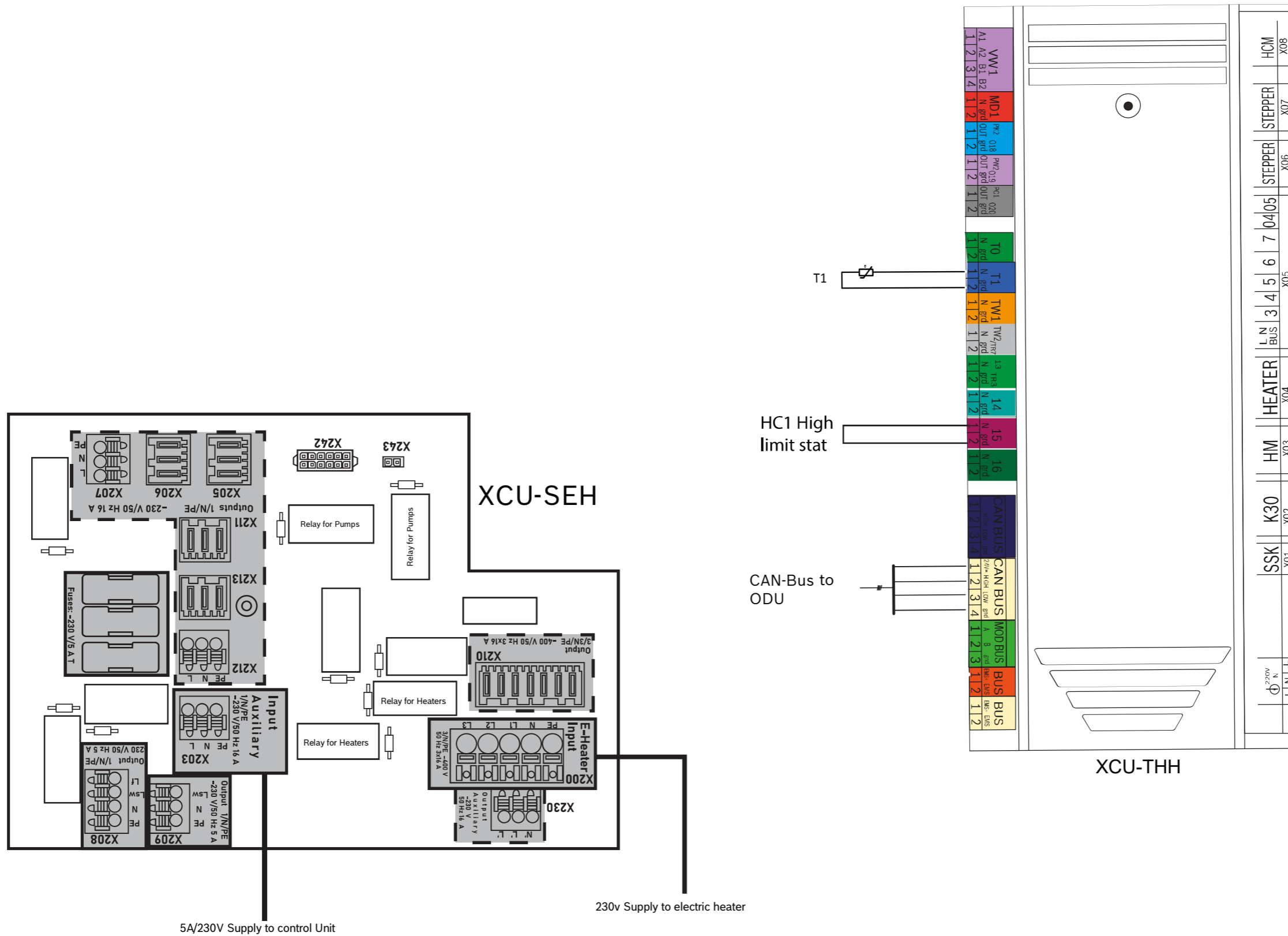


Key	Description
	T1 sensor
	Isolation valve
	Drain off valve
	Filling valve
	Magnetic filter
	Pump
	High limit stat
	PRV
	CR20RF



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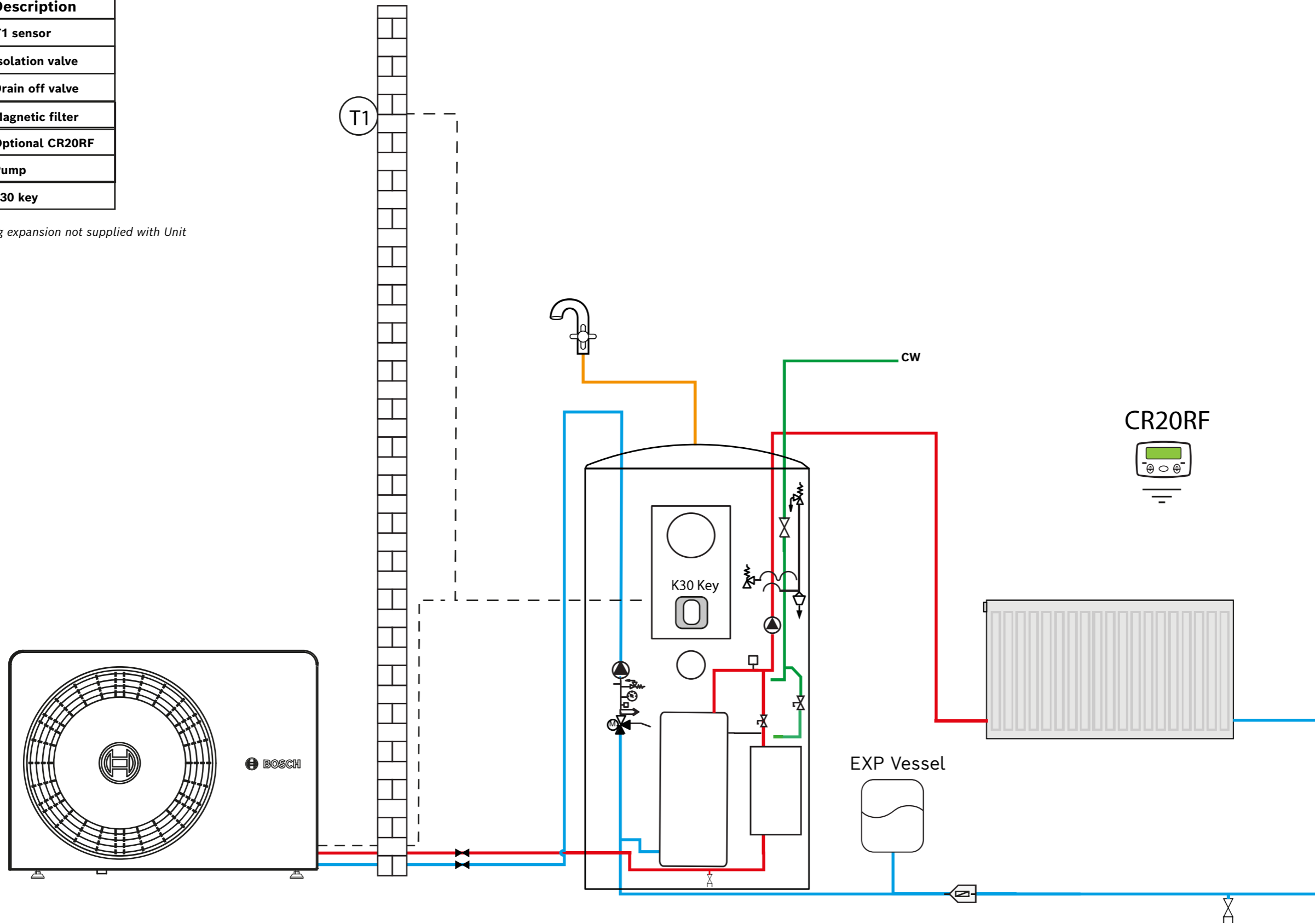
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Key	Description
	T1 sensor
	Isolation valve
	Drain off valve
	Magnetic filter
	Optional CR20RF
	Pump
	K30 key

Central Heating expansion not supplied with Unit



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




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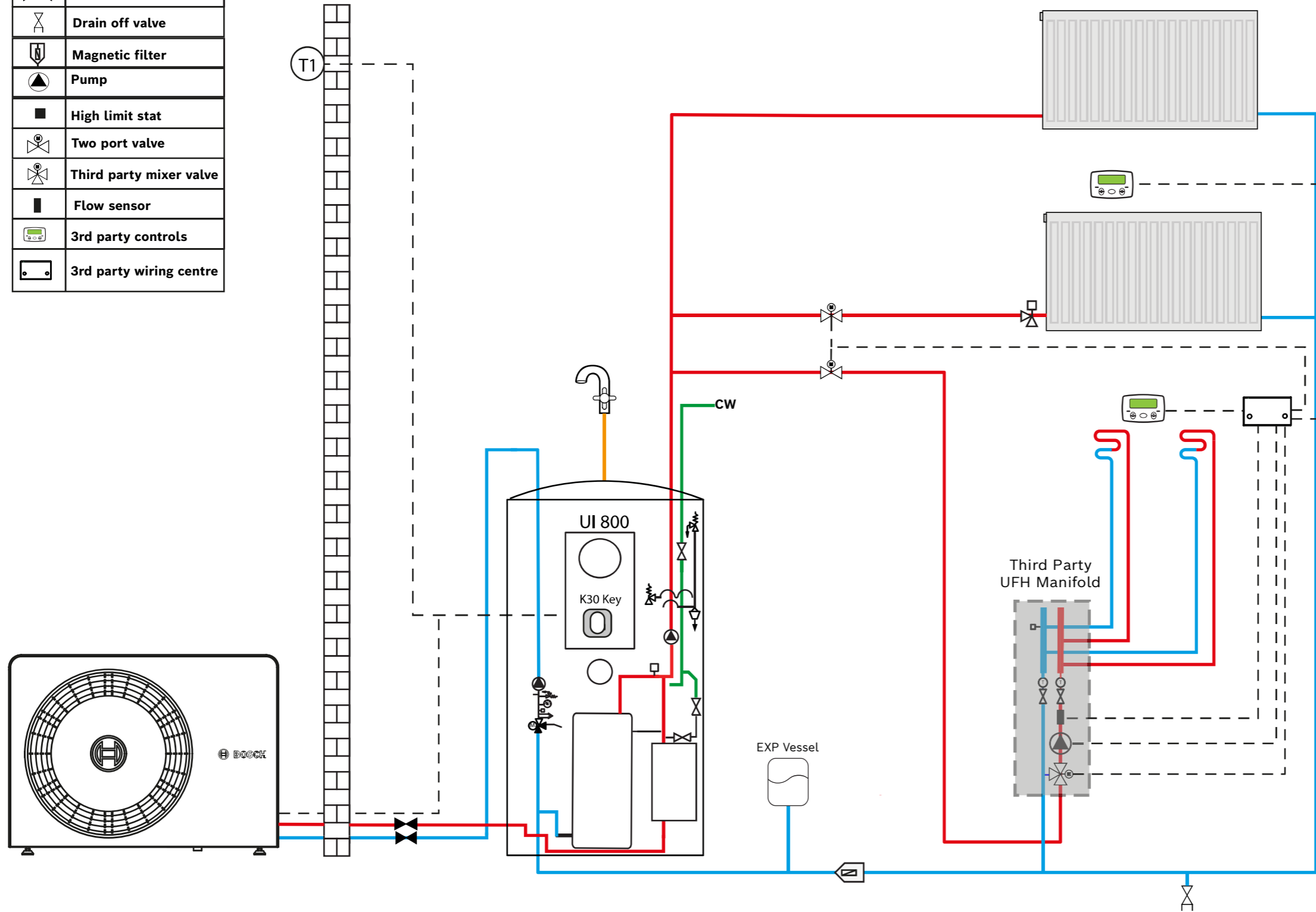
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Key	Description
	T1 sensor
	Isolation valve
	Drain off valve
	Magnetic filter
	Pump
	High limit stat
	Two port valve
	Third party mixer valve
	Flow sensor
	3rd party controls
	3rd party wiring centre

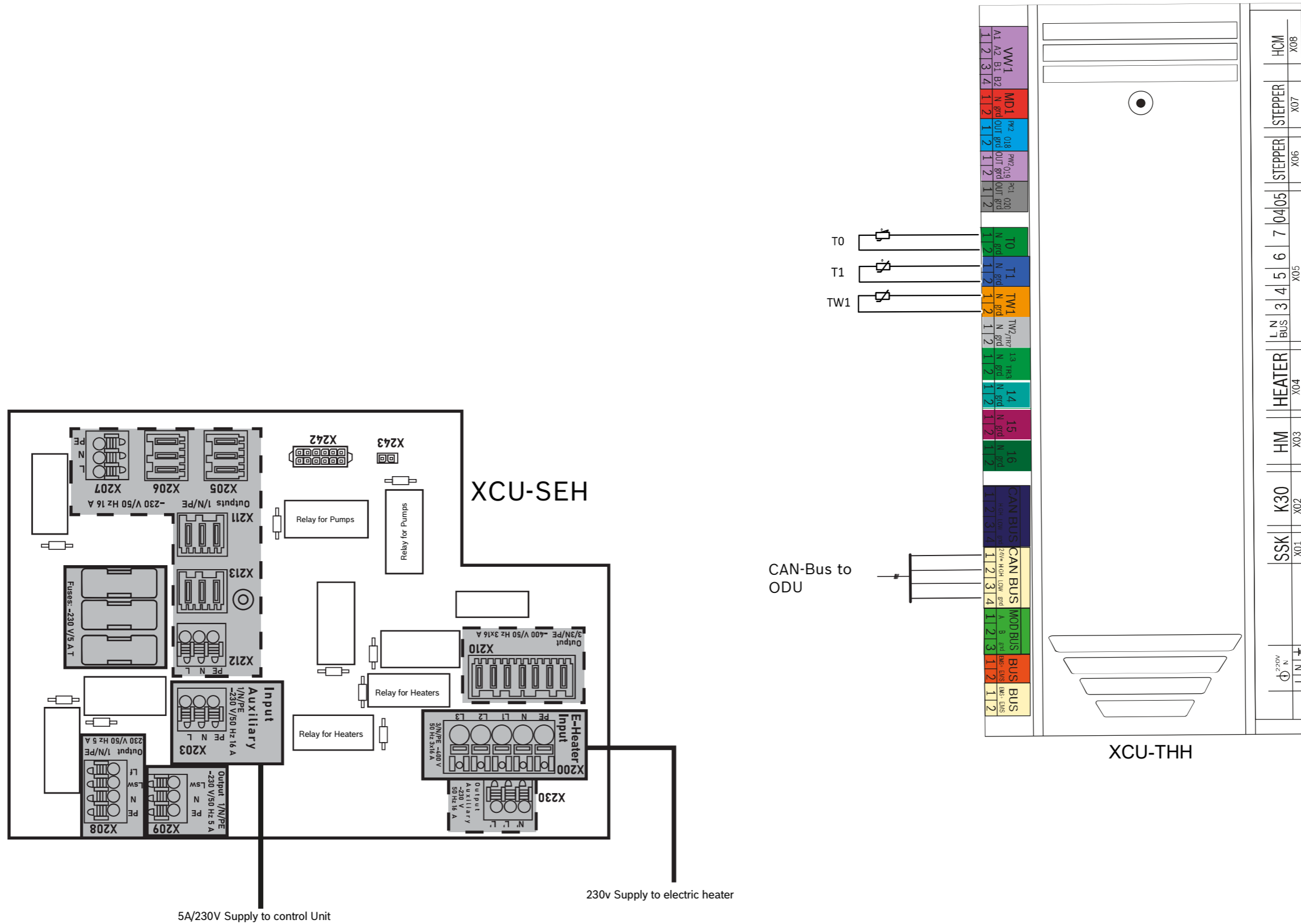


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

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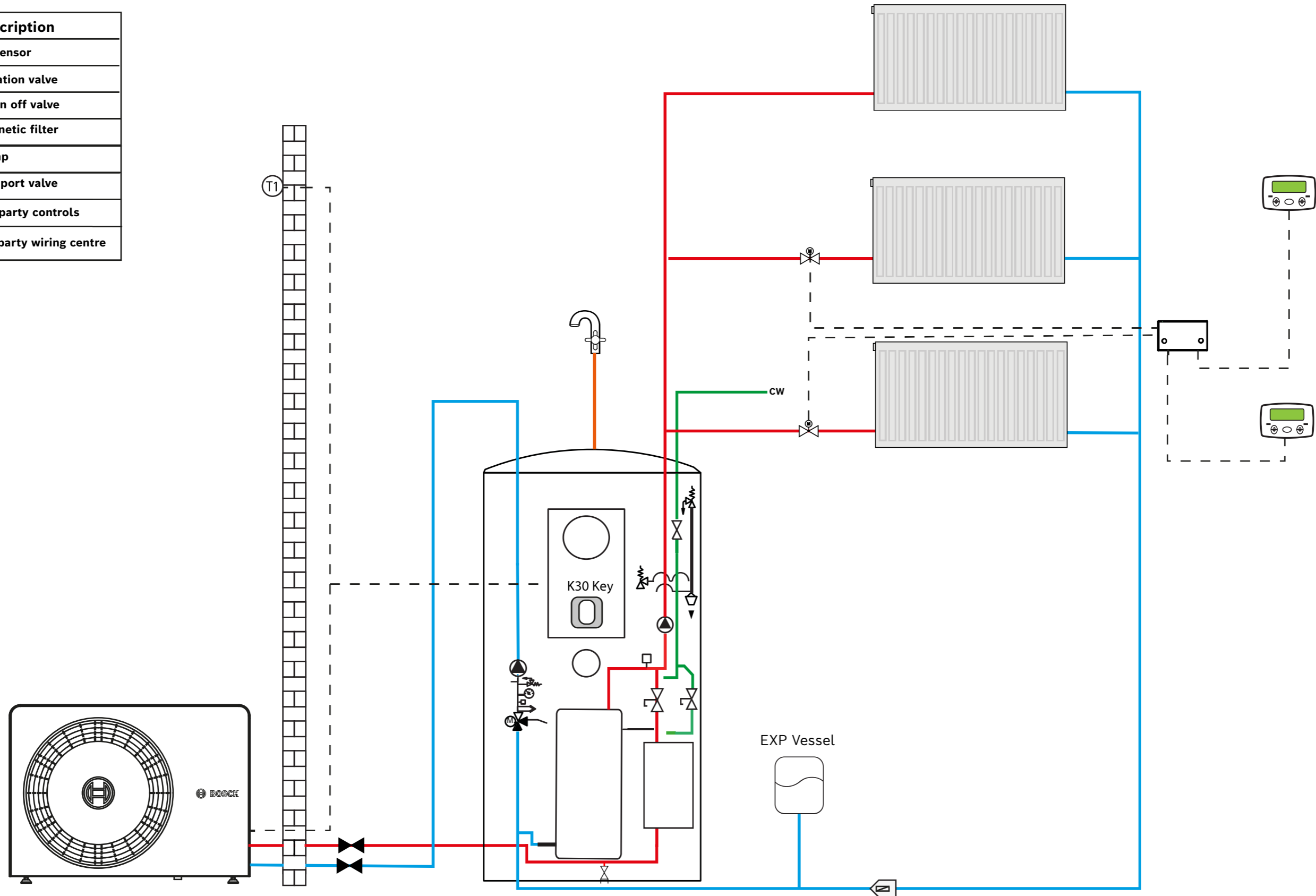
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	Isolation valve
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	Magnetic filter
	Pump
	Two port valve
	3rd party controls
	3rd party wiring centre



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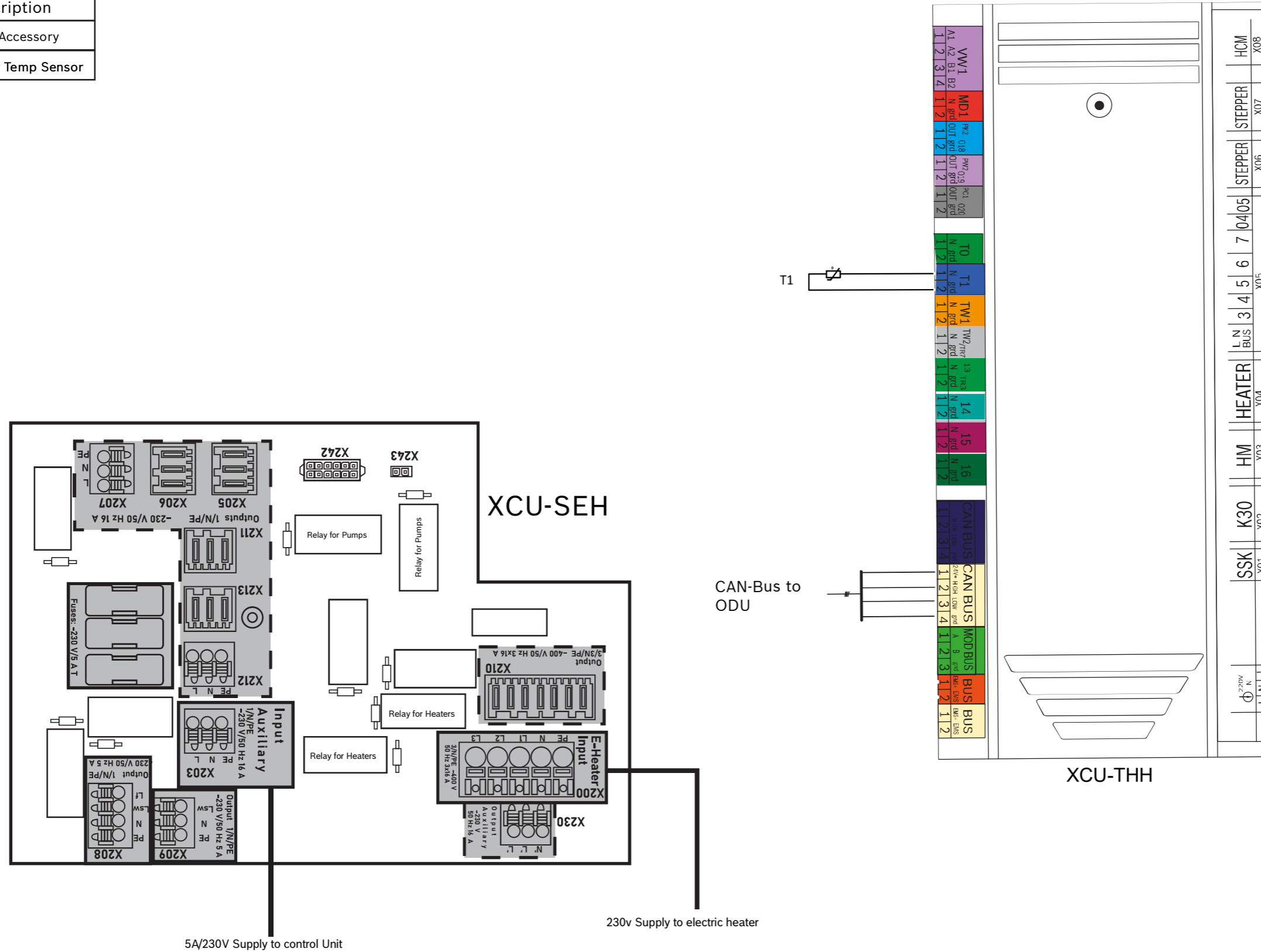
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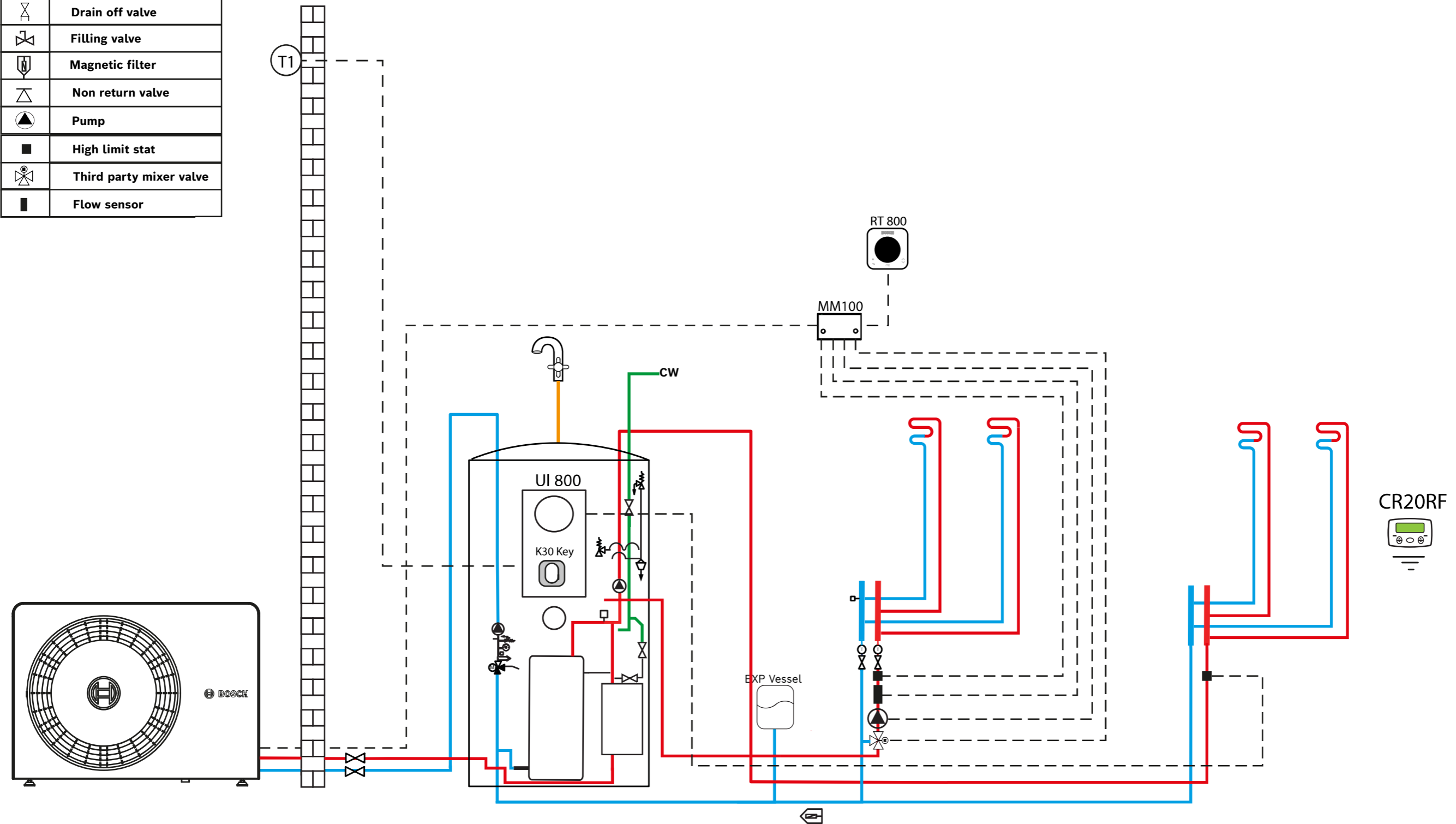


Key	Description
1	EMS Accessory
T1	Outdoor Temp Sensor



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Key	Description
	T1 sensor
	Isolation valve
	Drain off valve
	Filling valve
	Magnetic filter
	Non return valve
	Pump
	High limit stat
	Third party mixer valve
	Flow sensor



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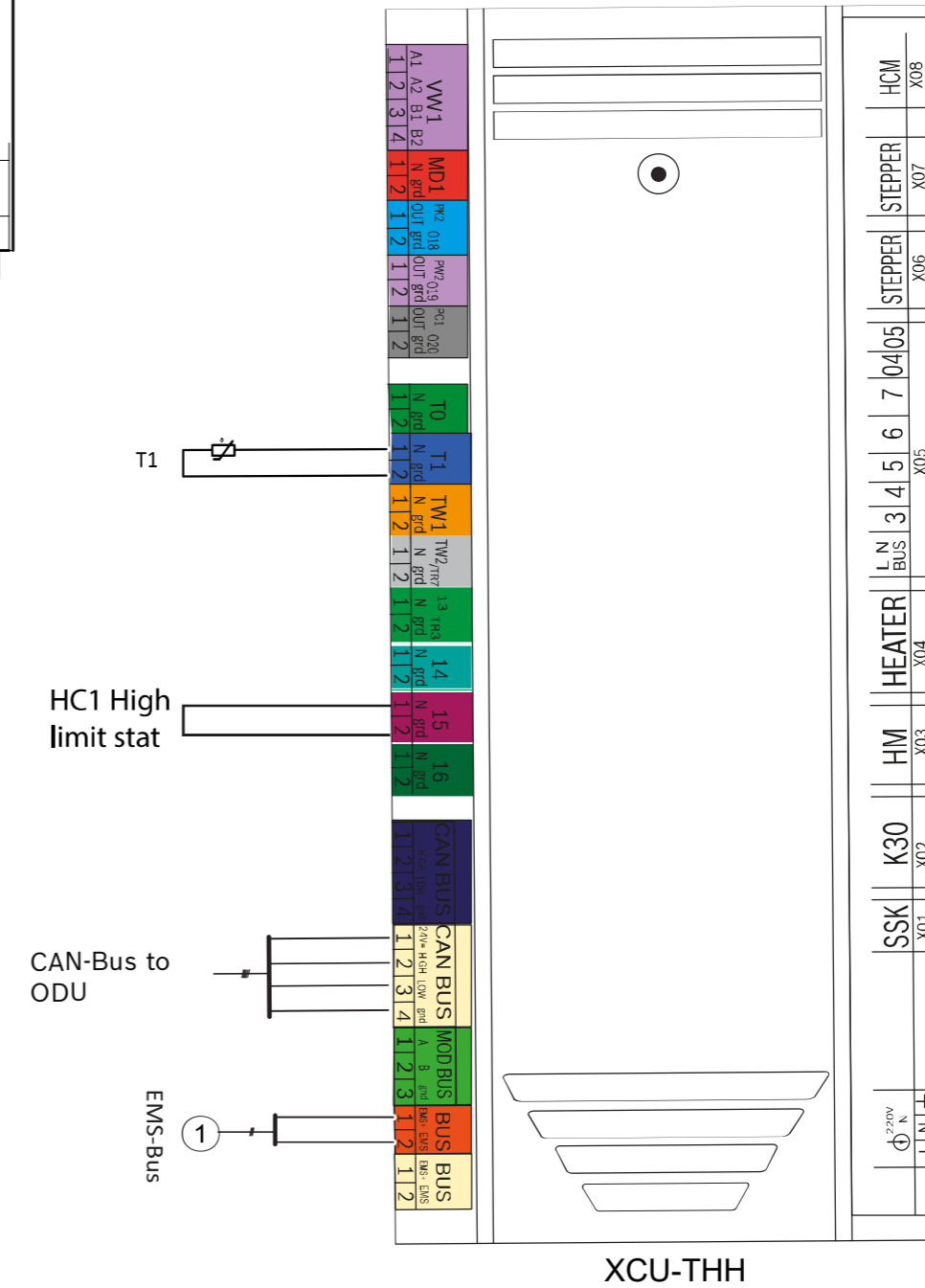
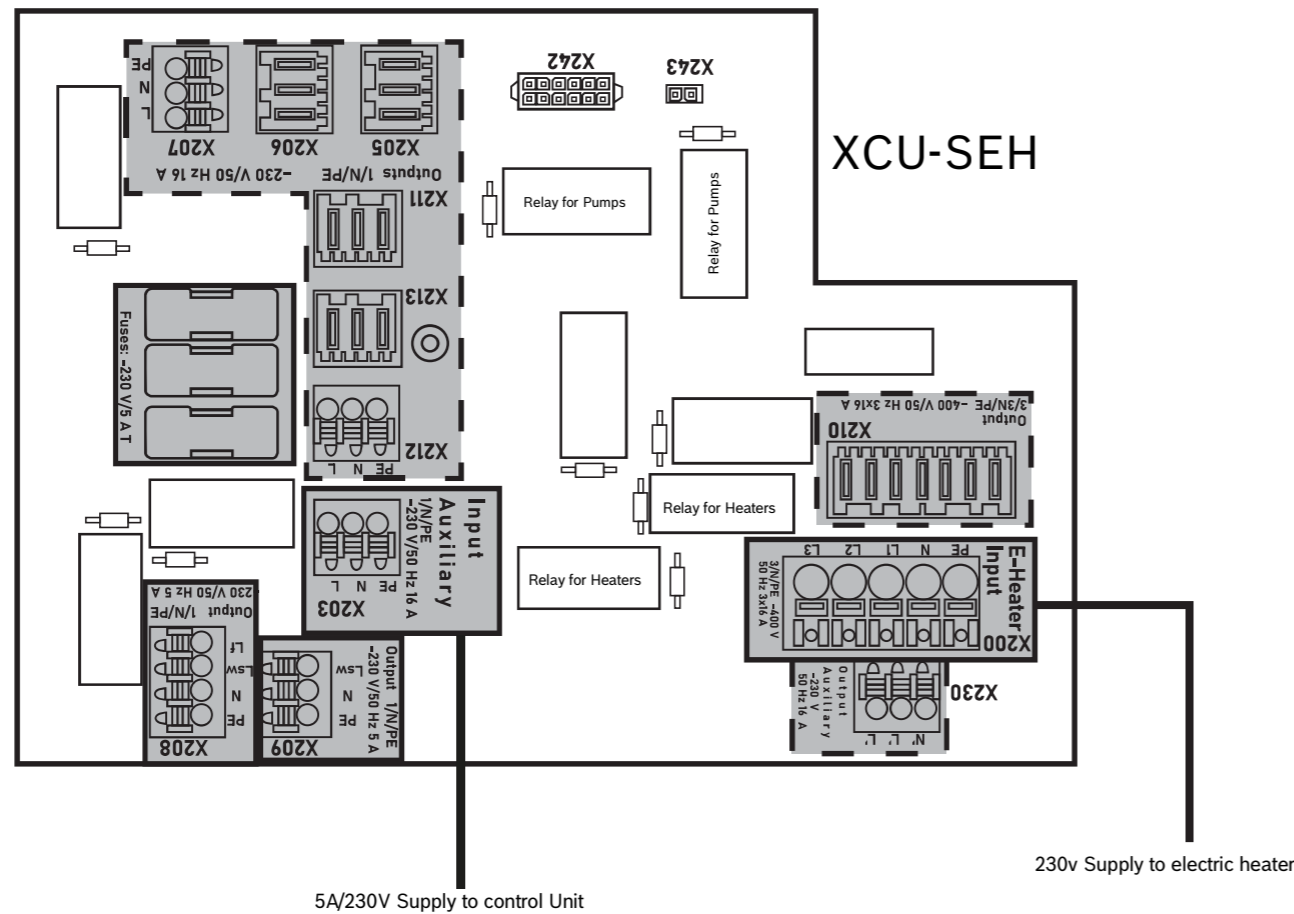
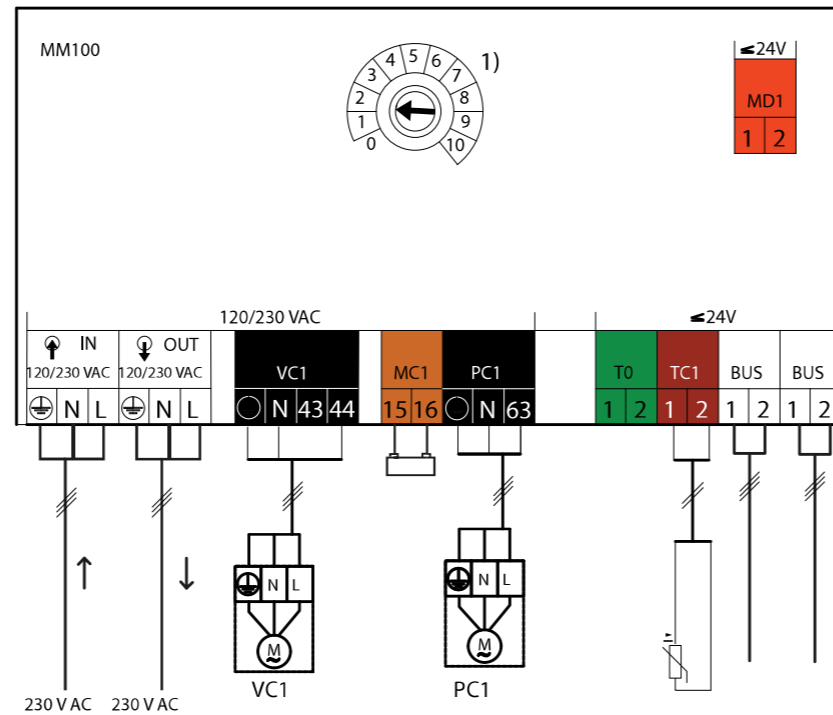
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Key	Description
1	EMS Accessory
T1	Outdoor Temp Sensor
VC1	EMS Accessory
PC1	Canbus connection
TC1	Flow temp sensor
MC1	High limit stat












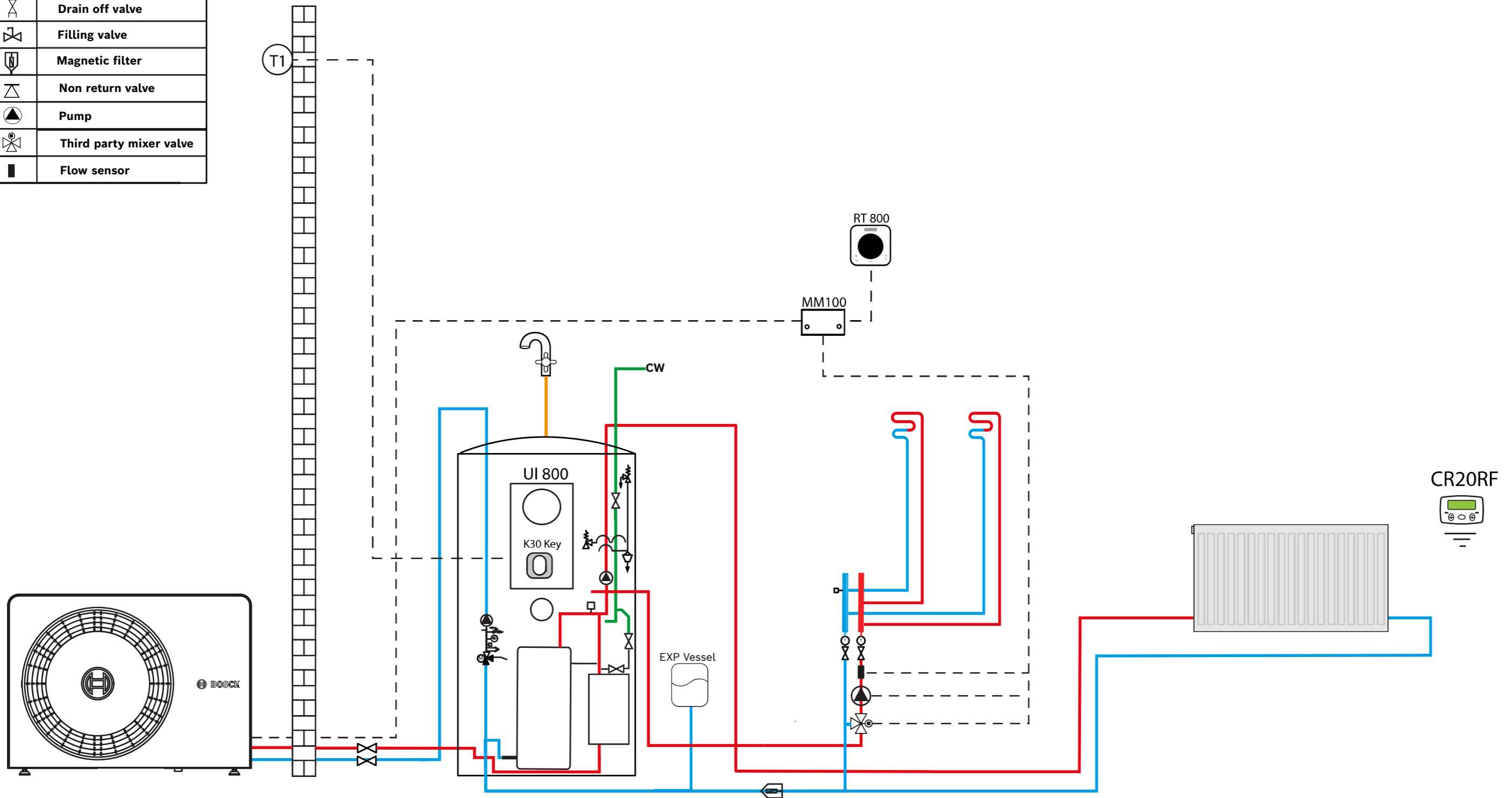
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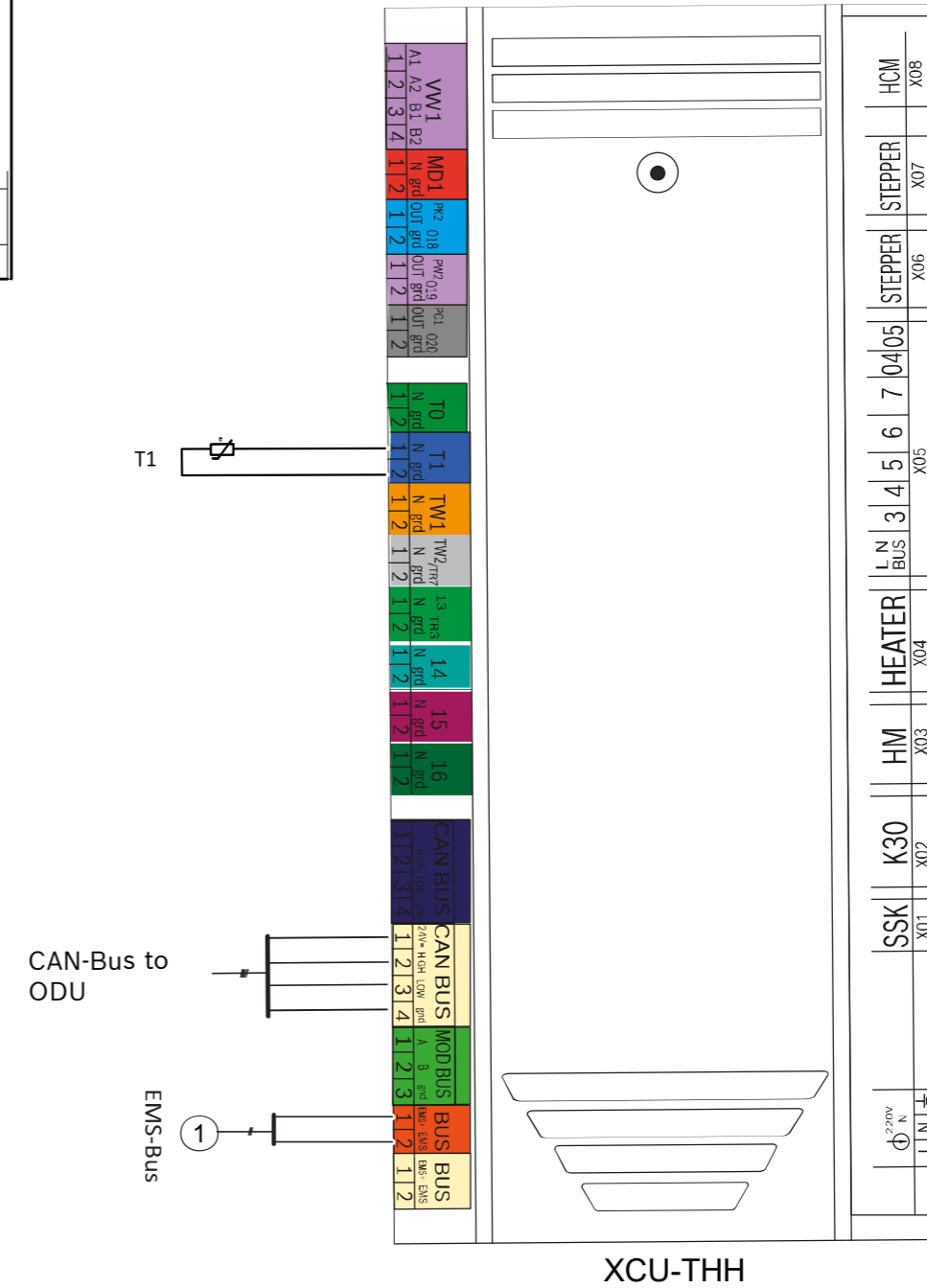
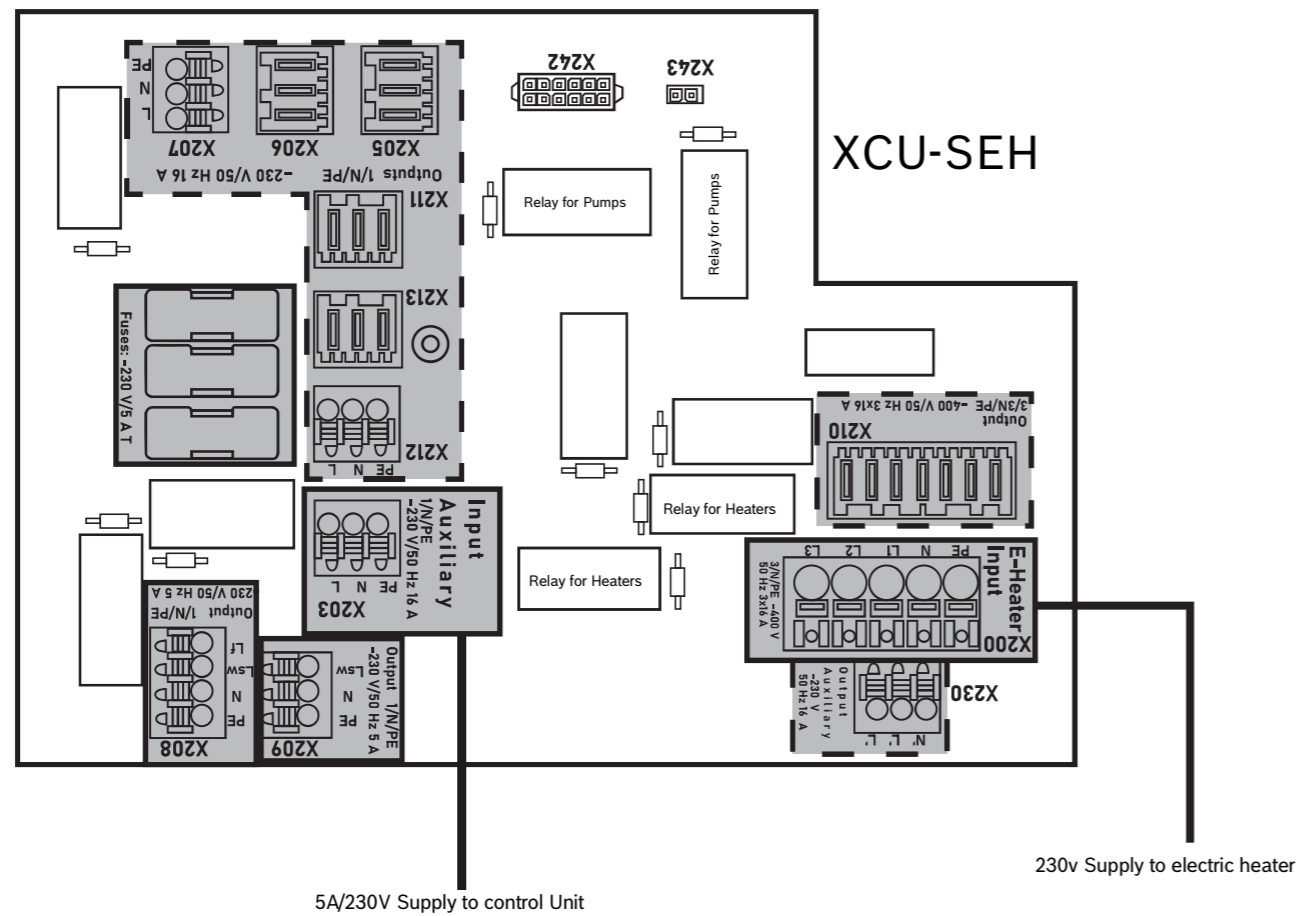
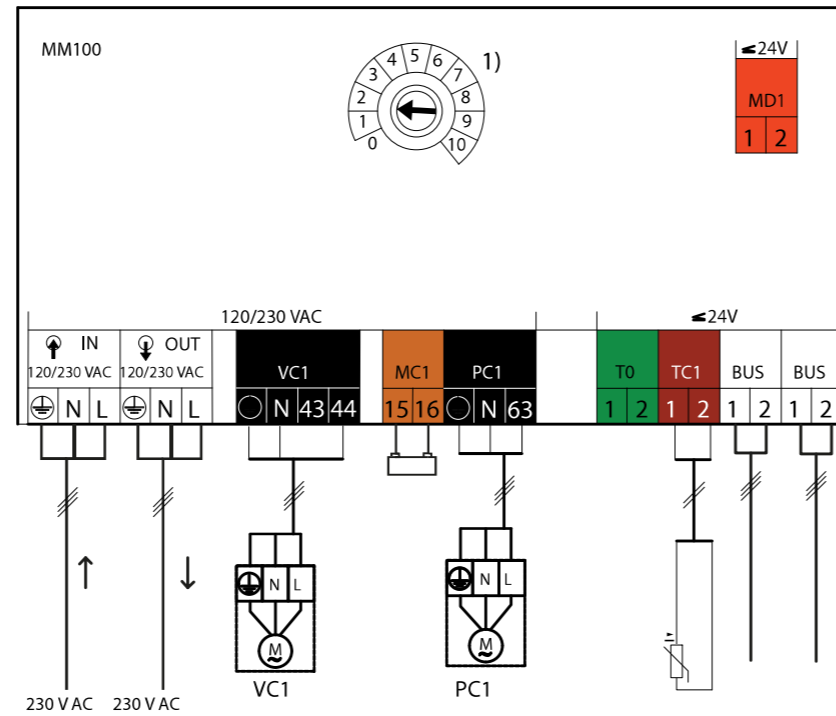
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T1	Outdoor Temp Sensor
VC1	EMS Accessory
PC1	Canbus connection
TC1	Flow temp sensor

Optional accessory

MC1	High limit stat
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