



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

 $\ensuremath{\mathsf{CS5800I}}$ AW 2Z, one open circuit, 3rd party controls with a pre-plumbed cylinder

 $\ensuremath{\mathsf{CS5800i}}$ 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



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



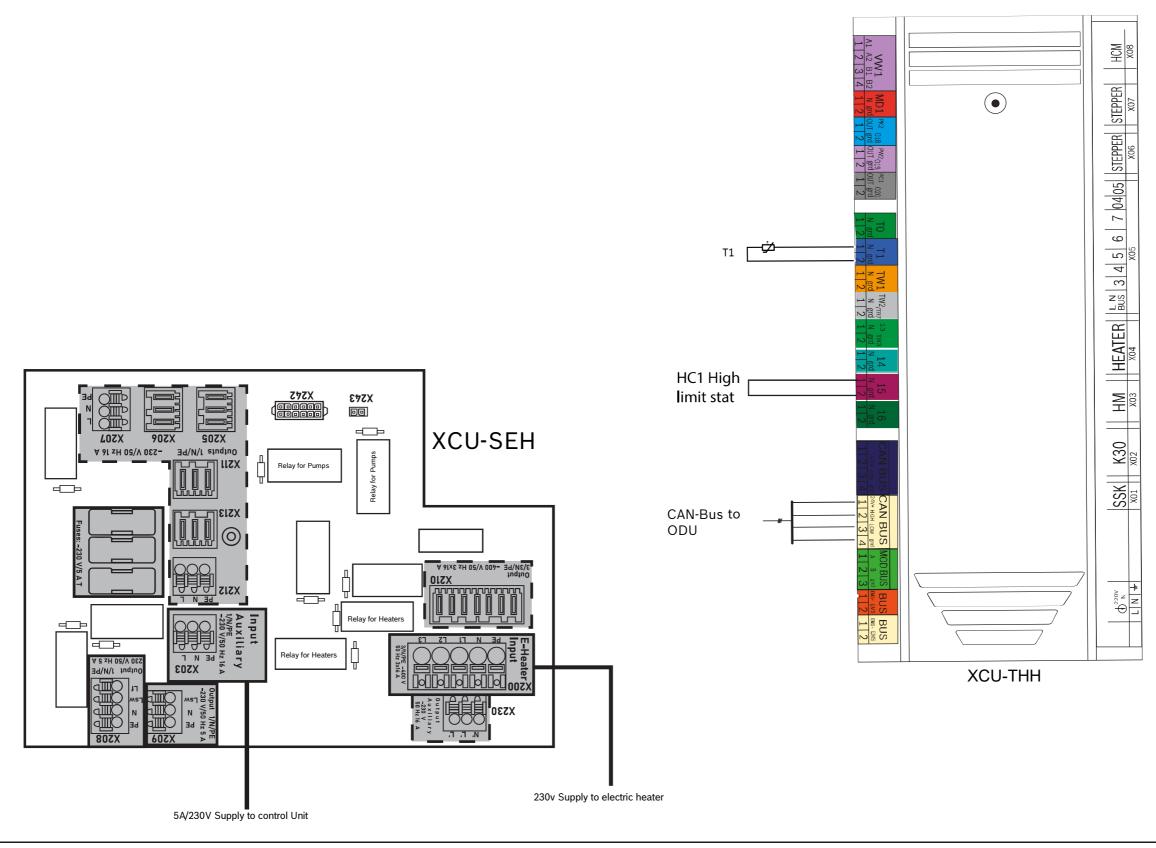
Key	Description	\Box					
(1)	T1 sensor						
	Isolation valve	Ш					
X	Drain off valve	(T1)					
⅓	Filling valve		I				
Ø	Magnetic filter		I I				
	Pump	Ш	i				
	High limit stat		I I				
Ž.	PRV		l I				
808	CR20RF	\vdash	i				
		● Bosch		K30 Key	EXP Vessel		CR20RF

All electrical work should be carried out by a registered engineer. Wiring must comply with the latest IET wiring regulations.

Whilst it is always our intention to fully assist, it is essential to recognise that all information given by the company is provided in good faith and based upon the information or part thereof. In addition, whilst making every reasonable effort to monitor the performance and quality of our supply, installation and service network, we do not accept responsibility for the workmanship or operation of any third party company. For further information or assistance please contact:







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Email: system.design@uk.bosch.com Tel: 01905751464

(10/2024)





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



Key	Description				
(T)	T1 sensor	\square			
M	Isolation valve				
X	Drain off valve				
	Magnetic filter	(T1)			
	Optional CR20RF	!			
	Pump				
0	K30 key	i i			
		 			
Central H	leating expansion not supplied with Unit				
		 			
			_		
		+++ ;	ज	cw	
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					CR20RF
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			K30 Key		
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	I IIIII (☐D) HIII ⊕ Bosch	- - - - - 		EXP Vessel	
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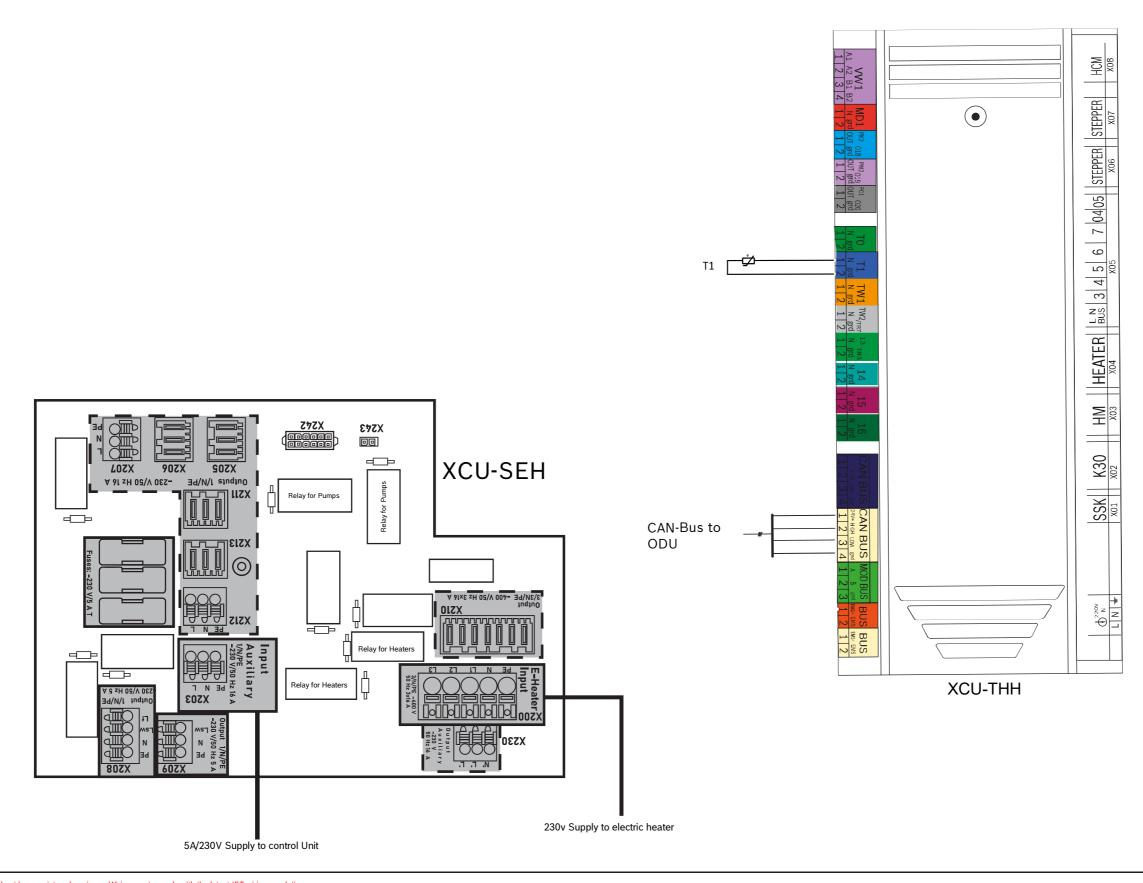
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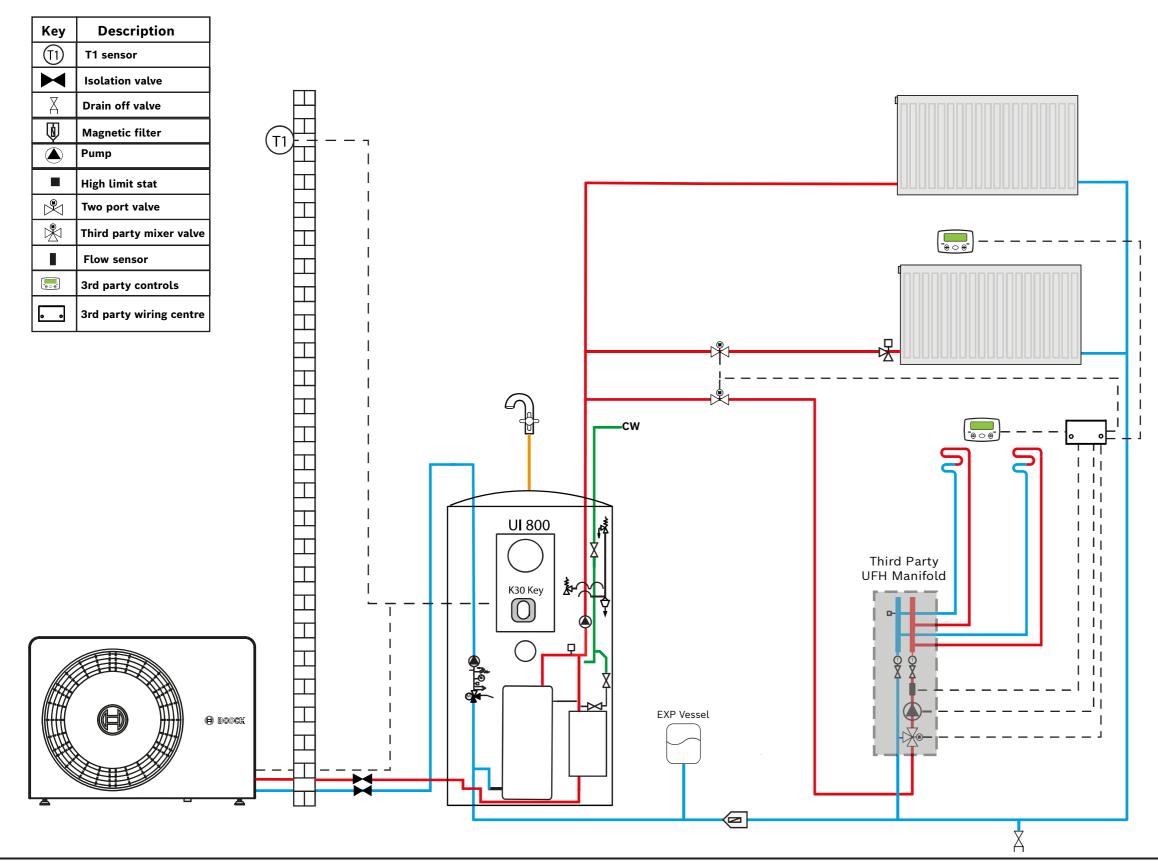
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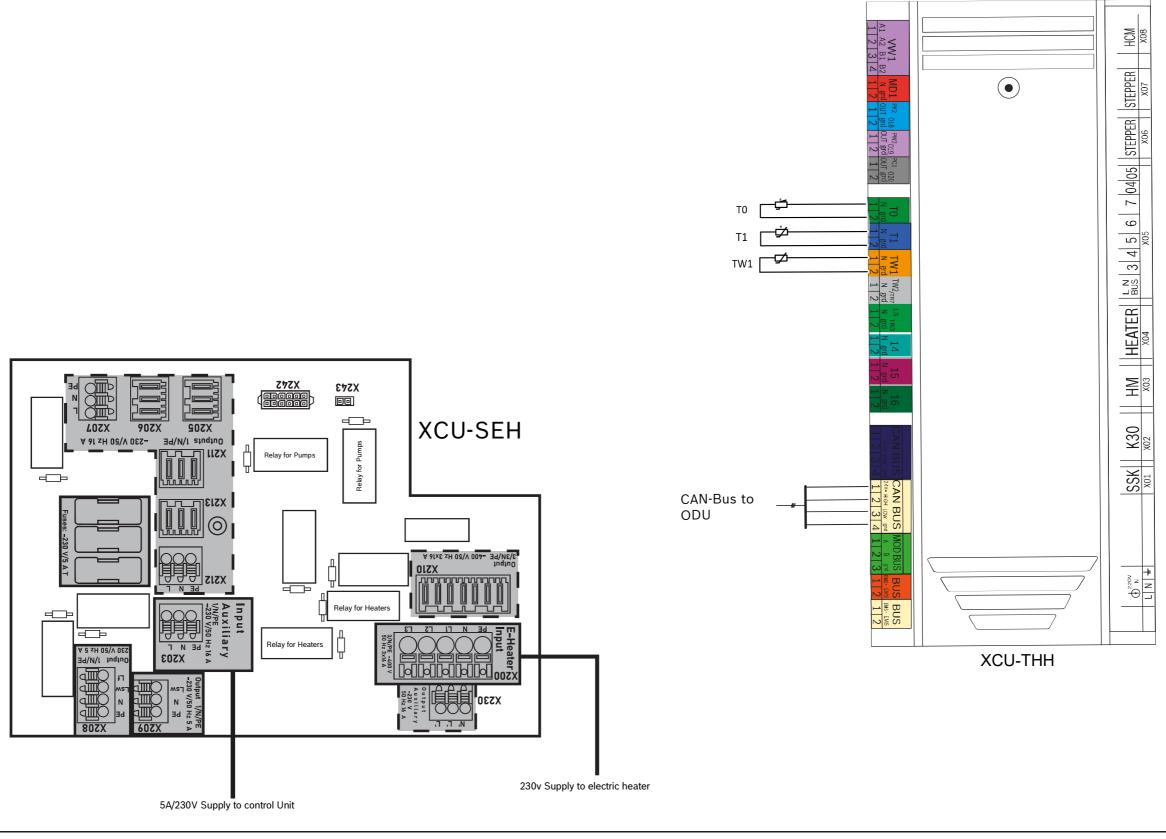
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WORCESTER (B) BOSCH CS58001 AW 2Z, one open circuit, 3rd party controls with a pre-plumbed cylinder



		1							
Key	Description								
(1)	T1 sensor								
	Isolation valve								
X	Drain off valve								
Ø	Magnetic filter		Щ						
	Pump								
№	Two port valve	[y r					[-]	$\Theta \circ \Theta$
-0 - 0 -	3rd party controls		H !					C	
۰۰	3rd party wiring centre		Ħ i			•			l I
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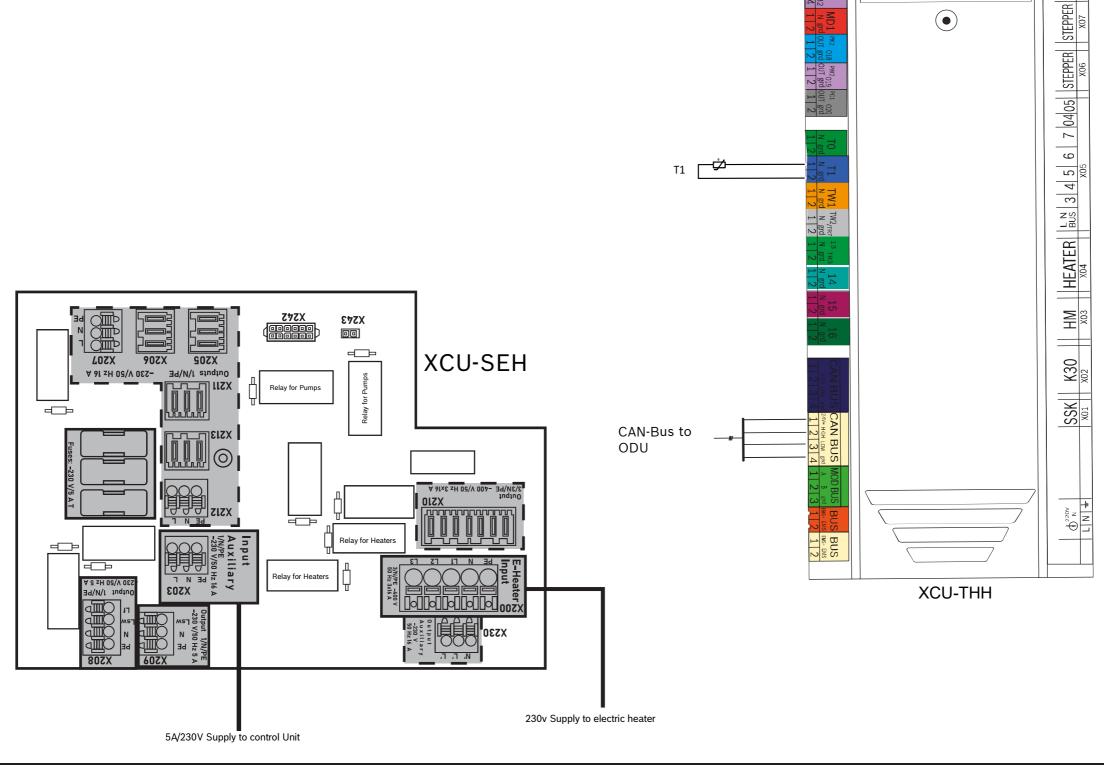






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Key	Description
1	EMS Accessory
T1	Outdoor Temp Sensor



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Key 1	Description T1 sensor Isolation valve Drain off valve Filling valve Magnetic filter Non return valve	
<u> </u>	Pump	
•	High limit stat	
%	Third party mixer valve	
	Flow sensor	T I RT 800
		CR2ORF

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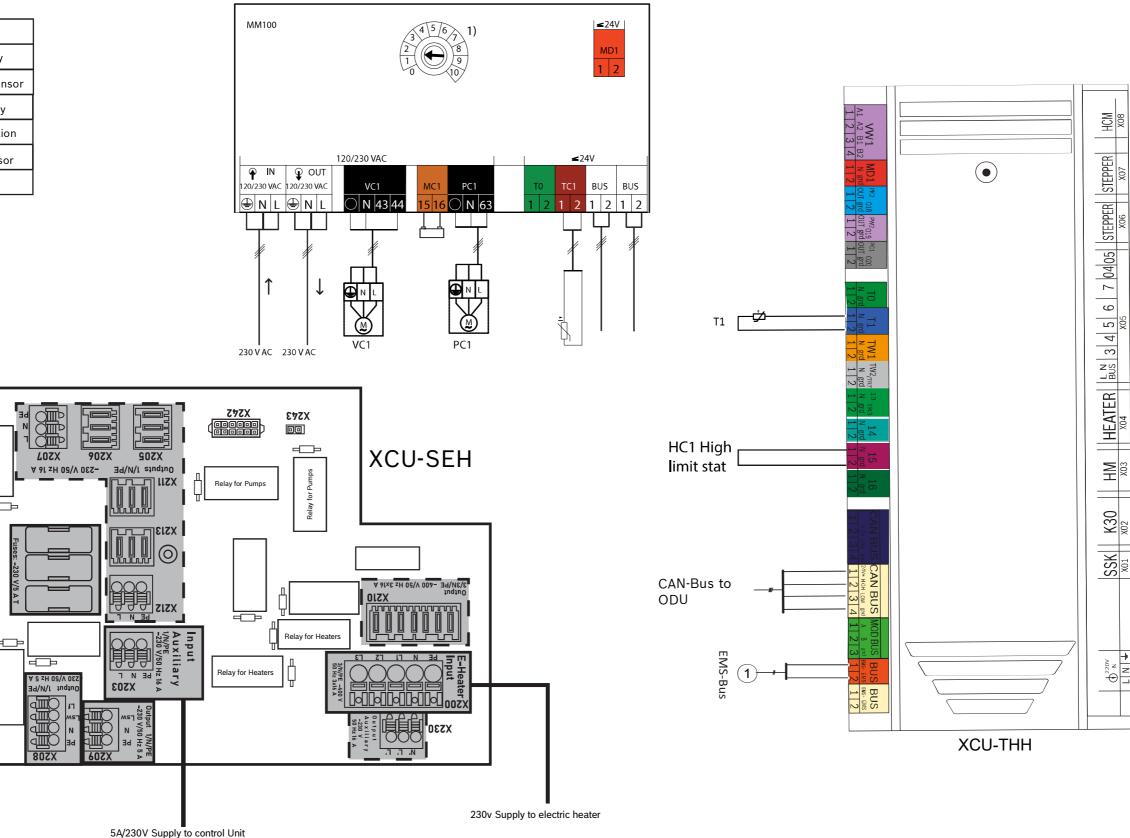
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Key	Description		
1	EMS Accessory		
T1	Outdoor Temp Sensor		
VC1	EMS Accessory		
PC1	Canbus connection		
TC1	Flow temp sensor		
MC1	High limit stat		



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Key	Description T1 sensor Isolation valve Drain off valve Filling valve Magnetic filter Non return valve Pump Third party mixer valve Flow sensor	T1			
		<u> </u>	UI 800 K30 Key EXP Vessel	RT 800	CR20RF

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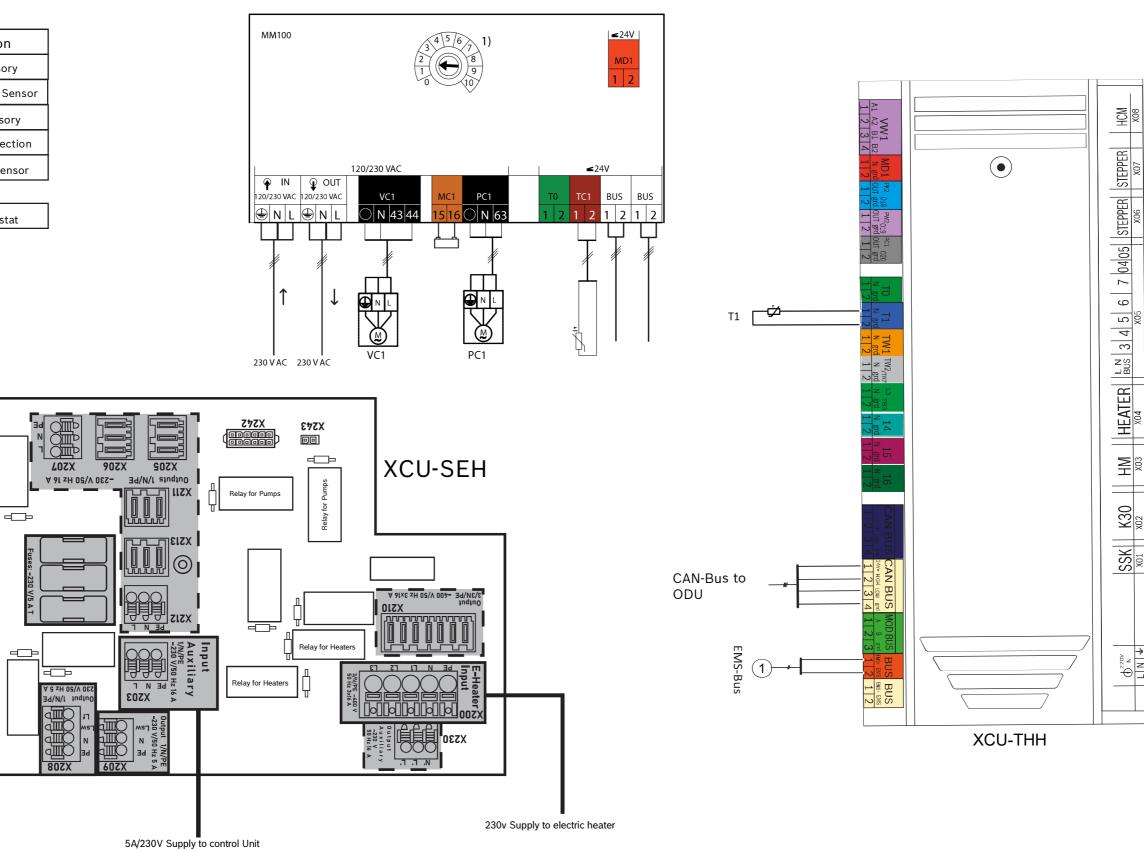
WORCESTER BOSCH CS5800I AW 2Z 1 Rad, 1UFH, RT800, 3rd Party Pump with a Pre-Plumbed Cylinder



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

Optional accessory

MC1 High limit st



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