

Electrical specifications of the backup heaters and the booster heaters									
Type	Only for EKLBHUHC86W1				EHBH*CBV		EHVH*CBV		
	Capacity setting	kW				3		6	
Capacity stage					1		2		
Capacity stage 1	kW				-		6		
Capacity stage 2	kW				-		6		
Minimum time delay between stages				Note 4		Note 5		Note 4	
Power supply (1)	Phase					1~		3~	
	Frequency					50			
Voltage					230		400		
	Nominal running current					13		26	
Current	Zmax (backup heater) (2)					-		4,3	
						-		8,7	
	Zmax (backup heater) (2)					-		-	
	Minimum Ssc value					-		(3)	
EHBH*CBV + EKLBHUHC86W1									
Capacity setting	kW				3				
Capacity stage					1				
Minimum time delay between stages						Note 6			
Nominal running current					A		13		
Booster heater	+ EK*V3				A		-		
	+ EK*Z2				A		7,5		
Zmax	Booster heater	(2)				Ω		-	
						Complex		-	
Nominal running current	Backup heater +	Booster heater	Backup heater + EK*V3	A		26 (13+13)		39 (26+13)	
			Backup heater + EK*Z2	A		-		17,3 (4,3+13)	
				A		-		21,7 (8,7+13)	
Minimum Ssc value	Backup heater +	Booster heater + EK*V3	kVA		(3)		-		
		Booster heater + EK*Z2	kVA		-		-		
EHVH*CBV + EKLBHUHC86W1									
Capacity setting	kW				2,4				
Capacity stage					1				
Minimum time delay between stages						Note 6			
Current	Nominal running current	Booster heater				A		11	
	Zmax	Booster heater (2)				Ω		-	
						Complex		-	
Nominal running current	Backup heater +	Booster heater	A		24 (13+11)		37 (26+11)		
			A		-		15,3 (4,3+11)		
			A		-		19,7 (8,7+11)		
Minimum Ssc value	Backup heater +	Booster heater	kVA		(3)		-		
			kVA		-		(3)		
<p>(1) The above-mentioned power supply of the hydrobox is for the backup heater only. The optional domestic hot water tank has a separate power supply.</p> <p>(2) In accordance with EN/IEC 61000-3-11, it may be necessary to consult the distribution network operator to ensure that the equipment is connected only to a supply with $Z_{sys} \leq Z_{max}$.</p> <p>(3) The equipment complies with EN/IEC 61000-3-12.</p> <p>EN/IEC 61000-3-11 European/International Technical Standard setting the limits for voltage changes, voltage fluctuations and flicker in public low-voltage supply systems for equipment with rated currents ≤ 75 A.</p> <p>EN/IEC 61000-3-12 European/International Technical Standard setting the limits for harmonic currents produced by equipment connected to public low-voltage systems with input current > 16 A and ≤ 75 A per phase.</p> <p>Zsys System impedance</p>									

