EHBH-CBV

Electrical specifications of the backup heaters and the booster heaters												
	Type					Only for EKLBUHCB6W1				EHBH*CBV	EHVH*CBV
Backup heater	Capacity setting				kW	3	6	3	6	No backup heater	No backup heater
	Capacity stage					1	2	1	2		
	Capacity stage 1				kW	3					
	Capacity stage 2				kW	-	6	-	6		
	Minimum time delay between stages					Note 4	Note 5	Note 4	Note 5		
	Power supply (1)	Phase				1~		3~			
		Frequency			Hz	50					
		Voltage			V	230		400			
	Current	Nominal running current			A	13	26	4,3	8,7		
		Zmax (backup heater)	(2)		Ω	-					
					Complex	-					
		Minimum Ssc value			kVA	-	(3)	-			
Booster heater (optional) (*KHW* models)						EHBH*CBV + EKLBUHCB6W1				EHBH*CBV	-
	Capacity setting				kW	3					
	Capacity stage					1					
	Minimum time delay between stages					Note 6					
	Nominal running current		+ EK*V3		A	13					
	Booster heater		+ 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)	17,3 (4,3+13)	21,7 (8,7+13)	13	
				Backup heater + EK*Z2	A	-			16,2 (8,7+7,5)	-	
	Minimum Ssc value	Backup heater +	Booster heater + EK*V3		kVA	(3)				-	
			Booster heater + EK*Z2		kVA	-					
Booster heater (EHVH*CBV)						EHVH*CBV + EKLBUHCB6W1					EHVH*CBV
	Capacity setting				kW	2,4					2,4
	Capacity stage					1					1
	Minimum time delay between stages					Note 6					Note 6
	Current	Nominal running current	Booster heater		A	11				-	11
		Zmax	Booster heater (2)		Ω	-					-
					Complex	-					-
		Nominal running current	Backup heater +	Booster heater	A	24 (13+11)	37 (26+11)	15,3 (4,3 +11)	19,7 (8,7 +11)		11
	Minimum Ssc value	Backup heater +	Booster heater		kVA	(3)		-	(3)		-
Notes	(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.									
	(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 Zsys≤ Zmax.									
	(3)	The equipment complies with EN/IEC 61000-3-12.									
	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 current≤ 75 A.									
	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.									
	Zsys	System impedance									





