EBSH-D

EBSHB-D

EBSX-D

EBSXB-D

Electrical specifications of the backup heaters and booster heaters

Backup heater	Type				**EKECBU*3V**			**EKECBU*6V**				**EKECBU*9W**			
	Capacity setting			[kW]	**1**	**1-2**	**1-2-3**	**2 - 4**	**2 - 6**	**·2-4· (in case of emergency: ·2-6·)**		**3 - 6**	**3 - 9**	**·3 - 6· (in case of emergency: ·3 - 9·)**	
	Capacity stage · ·							**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**
	Capacity stage ·1·			kW		**(4)**		**2**	**2**	**2**	**2**	**3**	**3**	**3**	**3**
	Capacity stage ·2·			kW				**4**	**6**	**4**	**6**	**6**	**9**	**6**	**9**
	Minimum time delay between stages					**-**		**Note ·5·**				**Note ·5·**			
	Power supply	Phase							1~					3~	
	(1)	Frequency		Hz					50						
		Voltage		V					230 +-10%					400 +-10%	
		Nominal running current		A	4.4	8.7	13.1	17,4	26,1	17,4	26,1	8,7	13	8,7	13
	Current	Zmax (backup heater)	(2)	Ω		-								-	
				Complex		-				0,22				-	
		Minimum Ssc value		kVA		-				(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.
(4)	For the 3V model, the system variably choses from 3 available capacity steps the adequate capacity for the given operating conditions.
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