EPVX10A4V / EPVX10A9W / EPVX10UA4V / EPVX14A4V / EPVX14A9W / EPVX14UA4V

Electrical specifications of the backup heaters and booster heaters

Backup heater	Type				**9W**			**4V**			
	Capacity setting			[kW]	**1 - 9**	**1 - 6**		**1 - 4.5**			
	Capacity stage · ·				**9**	**6**		**9**			
	Capacity stage ·1·			kW	**1**	**1**		**0.5**			
	Capacity stage ·2·			kW	**2**	**2**		**1**			
	Capacity stage ·3·			kW	**3**	**3**		**1.5**			
	Capacity stage ·4·			kW	**4**	**4**		**2**			
	Capacity stage ·5·			kW	**5**	**5**		**2.5**			
	Capacity stage ·6·			kW	**6**	**6**		**3**			
	Capacity stage ·7·			kW	**7**	**-**		**3.5**			
	Capacity stage ·8·			kW	**8**	**-**		**4**			
	Capacity stage ·9·			kW	**9**	**-**		**4.5**			
	Minimum time delay between stages	Max net change ≤ ·1· kW			10s						
		Max net change ≤ ·2· kW			40s						
		Max net change > ·2· kW			150s						
	Power supply (1)	Voltage			390 - 410V	220 - 240V		390 - 410V	220 - 240 V		
		Capacity			9kW	6kW		4.5kW			
		Rated current			13A	13A	26.1A(2)	6.5A	13A	19.6A(2)	17A(2)	19.6A(2)
		Phase			3N~	1N~		3N~	1N~		3~	2~
		Frequency			50Hz						
	Type of wires				Must comply with national wiring regulation						
					Min. ·2.5· mm²		Min. ·6· mm²	Min. ·2.5· mm²		Min. ·4· mm²	Min. ·2.5· mm²	Min. ·4· mm²
					·5·-wire cable		·3·-wire cable	·5·-wire cable		·3·-wire cable	·4·-wire cable	·3·-wire cable
					3L+N+GND	2L+2N+GND	L+N+GND	3L+N+GND	2L+2N+GND	L+N+GND	3L+GND	2L+GND
	Recommended overcurrent protection				4-pole ·16· A		2-pole ·32· A	4-pole ·10· A	4-pole ·16· A	2-pole ·25· A	4-pole ·20· A	2-pole ·25· A
	Earth leakage circuit breaker				Must comply with national wiring regulation							

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)	The equipment complies with EN/IEC 61000-3-12.
	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.