NO.	Failure Code	Failure Description
1	***E0***	*Reserved*
2	**E1**	High pressure protection
3	**E2**	Low pressure protection
4	**E3**	No water protection
5	**E4**	Phases lack protection (three-phase unit only)
6	**E5**	Power supply excesses working range
7	**E6**	Insufficient water flow protection
8	**E7**	Water outlet temp too high or too low protection
9	***E9***	*Reserved*
10	**E8**	High exhaust temp protection
11	**EA**	Evaporator overheat protection (only at cooling mode)
12	**Eb**	Ambient temp excesses working range
13	***EC***	*Reserved*
14	**Ed**	Anti-freezing reminder
15	**P0**	Controller communication failure
16	**P1**	Water inlet temp sensor failure
17	**P2**	Water outlet temp sensor failure
18	**P3**	Gas exhaust temp sensor failure
19	**P4**	Evaporator coil pipe temp sensor failure
20	**P5**	Gas return temp sensor failure
21	**P6**	Titanium heat exchanger coil pipe temperature sensor failure
22	**P7**	Ambient temp sensor failure
23	**P8**	Cooling plate sensor failure
24	**P9**	Current sensor failure
25	**PA**	Restart memory failure
26	***F0***	*Reserved*
27	**F1**	Compressor drive module failure
28	**F2**	PFC module failure
29	**F3**	Compressor start failure
30	**F4**	Compressor running failure
31	**F5**	Inverter board over current protection
32	**F6**	Inverter board overheat protection
33	**F7**	Current protection
34	**F8**	Cooling plate overheat protection
35	**F9**	Fan motor failure
36	**FA**	PFC module over current protection
37	**Fb**	Capacitor no charging protection

NO.	Terminal	Description
1	***DIN1***	*Reserved*
2	DIN2	For remote control
3	DIN3	For water flow switch
4	DIN4	For refrigerant low pressure protection
5	DIN5	For refrigerant high pressure protection

NO.	Terminal	Description
1	***OUT1***	*Reserved*
2	***OUT2***	*Reserved*
3	OUT3	For AC fan motor
4	OUT4	For AC fan motor
5	OUT5	For AC fan motor
6	OUT6	For 4-way valve coil
7	OUT7	For electric heating belt of condensor
8	OUT8	For compressor electric heating belt
9	***OUT9***	*Reserved*

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