

Priority	Diagnostic code type	LED	Duty Cycle
1	DIP switch status incorrect	E-01	5%
2	Communication disruption between interface module and drive board	E-02	10%
3	IPM over current	E-03	15%
4	Compressor drive failure	E-04	20%
5	Compressor over-current	E-05	25%
6	IPM current sampling disruption	E-06	30%
7	Heat sink over-heat	E-07	35%
8	Dc bus over-voltage	E-08	40%
9	Dc bus under-voltage	E-09	45%
10	Ac input under-voltage	E-10	50%
11	AC input over current	E-11	55%
12	Heat sink temp sensor malfunction	E-12	60%
13	Communication of compressor driving IC with function IC in driver controller abnormal signal	E-13	65%

E16 Error code

If the IPM temperature is running above 100C then there is either not enough cooling from the heatsink or there is a possibility that the IPM is not attached to the heatsink properly.