

DIAGNOSTIC TABLE

**Models: AEI1G80BEMX - EMX3PH - AEI1G110BEMX - EMX3PH
GR9FI80R5IBB - R7IBA - GR9FI110R5IBB - R7IBA**

SEE LEDS ON CONTROL PCB

× LED OFF

⚡ LED BLINKING

○ LED ON



WARNING

DISCONNECT POWER AND WAIT THAT ALL LEDS ARE OFF BEFORE
SERVICING ON THE ELECTRICAL BOX

101	⚡	⚡	⚡	⚡	×	TEST MODE ERROR
100	⚡	×	⚡	×	⚡	WRONG OUTDOOR-INDOOR UNITS COMBINATION
19	⚡	×	⚡	⚡	⚡	COMPRESSOR TOP SHELL PROBE DAMAGED OR NOT CONNECTED
18	⚡	⚡	×	×	⚡	NTTD PROBE DAMAGED OR NOT CONNECTED
17	×	⚡	⚡	×	⚡	WTTD PROBE DAMAGED OR NOT CONNECTED
16	⚡	×	×	⚡	⚡	NTTC PROBE DAMAGED OR NOT CONNECTED
15	×	⚡	×	⚡	⚡	WTTC PROBE DAMAGED OR NOT CONNECTED
14	⚡	×	⚡	×	×	NTTB PROBE DAMAGED OR NOT CONNECTED
13	×	⚡	×	⚡	×	WTTB PROBE DAMAGED OR NOT CONNECTED
12	×	×	⚡	×	⚡	NTTA PROBE DAMAGED OR NOT CONNECTED
11	×	×	×	⚡	×	WTTA PROBE DAMAGED OR NOT CONNECTED
10	×	×	⚡	×	×	CDT PROBE DAMAGED OR NOT CONNECTED
9	×	⚡	×	×	×	OAT PROBE DAMAGED OR NOT CONNECTED
8	⚡	×	×	×	×	OCT PROBE DAMAGED OR NOT CONNECTED
7	×	×	×	⚡	⚡	COMPRESSOR ERROR
6	×	×	⚡	⚡	×	PCB OVERTEMPERATURE (COMPRESSOR MODULE)
5	×	⚡	⚡	×	×	FAN MOTOR ERROR
4	⚡	⚡	×	×	×	PCB OVERTEMPERATURE (FAN MOTOR MODULE)
3	×	×	⚡	⚡	⚡	PFC PROTECTION
2	×	⚡	⚡	⚡	×	ERROR ON INDOOR UNITS
1	⚡	⚡	⚡	×	×	COMMUNICATION ERROR WITH INDOOR UNITS
RANK	DL5	DL4	DL3	DL2	DL1	DIAGNOSIS CONTENTS

LEGENDA

PFC = Power factor corrector (*)
OCT = Outdoor coil temperature
OAT = Outdoor air temperature
CDT = Compressor discharge temperature
WTTA = Wide tube temperature Port A
NTTA = Narrow tube temperature Port A
WTTB = Wide tube temperature Port B
NTTB = Narrow tube temperature Port B
WTTC = Wide tube temperature Port C
NTTC = Narrow tube temperature Port C
WTTD = Wide tube temperature Port D
NTTD = Narrow tube temperature Port D

(*) Meaning

Automatic protection against power supply disturbances and instabilities.

Unit working properly:

×	×	×	○	○	IF AT LEAST ONE INDOOR UNIT IS ON
×	×	×	×	○	IF ALL INDOOR UNITS ARE OFF
DL5	DL4	DL3	DL2	DL1	DESCRIPTION

○ DL6 (RED) ON : HIGH VOLTAGE PRESENT
(NORMAL OPERATION)
ONLY FOR THREE-PHASE MODELS