

**LG, Refrigerator, Compressor,
FC75LBNA, TCA35271202,
Inverter, AR125VC, R134A,
1/3hp, 0-220V 53HZ**

written by Lilianne | 22 April 2021





HOUSEHOLD
REFRIGRATOR
656U

MODEL / MODÈLE
LMX28988ST / 01

AMPS 5.2A

CHARGE 5.11oz

DESIGN PRESSURES/
PRESSION DE DESSIN

HIGH SIDE/
CÔTÉ SUPÉRIEUR 400 PSI Ga

LOW SIDE/
CÔTÉ INFÉRIEUR 140 PSI Ga

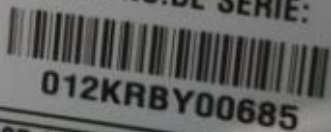
SOURCE 115V ~

FREQUENCY/
FRÉQUENCE 60Hz

REFRIGERANT/
RÉFRIGÉRANT R134a

PHASE SINGLE

SER.No./ NO.DE SÉRIE:



012KRBY00685

DIMENSIONS 35 3/4(W) x 35 3/8(D) x 69 3/4(H)inch

MANUFACTURED : 2010.
MADE IN KOREA/FABRIQUÉ EN CORÉE

VERIFIED



VÉRIFIÉ

EEV 99404
Energy
Performance
Rendement
Énergétique

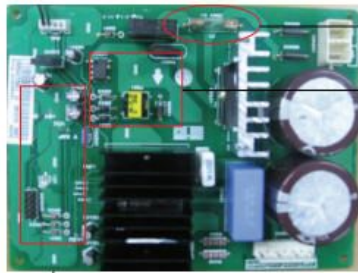
1-800-243-0000 (USA)
1-888-LG CANADA(CANADA)
FOR LG CUSTOMER SERVICE
[http://us.lge.com\(USA\)](http://us.lge.com(USA))
[http://ca.lge.com\(CANADA\)](http://ca.lge.com(CANADA))

TAB35138352 [R]





- Visually inspect fuse and measure DC high voltage.
- Measure the DC low voltage that supplies the inverter circuit.



⊖ GND
⊕ Voltage

Step 5 Check DC low voltage (Multi Tester)
Spec. A Point 15V
B Point 5V

Step 6 Check LED Blink
See Check B



E-Inverter

Step 3. Check Fuse (visual inspection)



Step 4. Check DC High Voltage (Multi Tester) Spec. about 330V DC



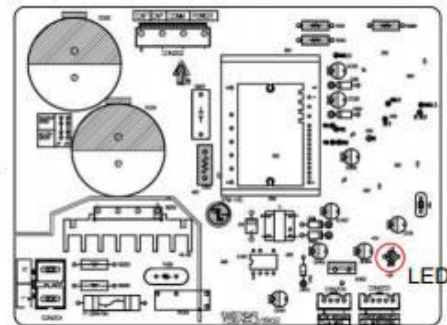
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9-1 Check A

- There is PC Board located in the PCB case.
- The control driver is PC board for the compressor.
- This step shows the source voltage of the driver PC board.



A-Inverter
FC75LBNA



- * There is a PCB located in the PCB case next to the compressor. That is the driver PCB. the linear compressor.

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