

# How to Troubleshoot a Noisy contactor ?

## I- Type of publication

|                                     |                        |
|-------------------------------------|------------------------|
| <input type="checkbox"/>            | Typical application    |
| <input type="checkbox"/>            | Best know Method (BKM) |
| <input checked="" type="checkbox"/> | Troubleshooting guide  |

|                                     |              |
|-------------------------------------|--------------|
| <input type="checkbox"/>            | Level 2 use  |
| <input type="checkbox"/>            | Internal use |
| <input checked="" type="checkbox"/> | Customer     |

## II- Product

- Product range :

- Product family :

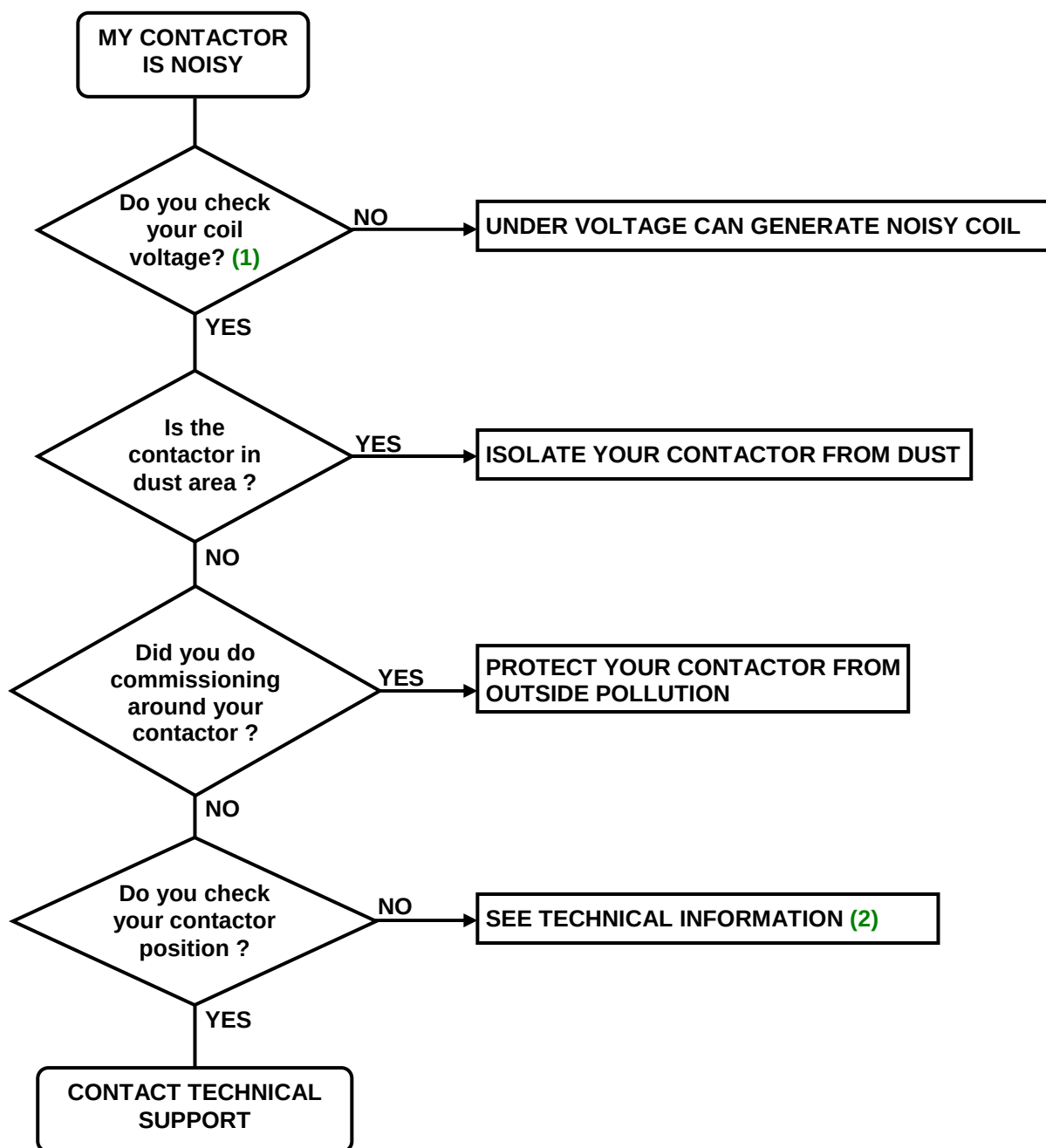
## III- Introduction

Use this troubleshooting guide if your contactor is noisier than others contactors located in the same area.

Tools required:

- A controller to check voltage
- A screw driver

## IV- Description



## (1) Coil voltage

Check coil voltage:

a) Look after your coil range:

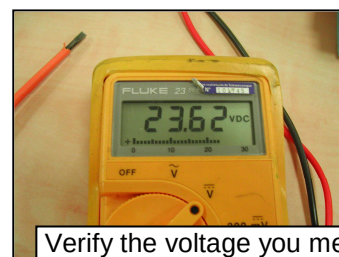


**24VDC**

b) Put your probe on coil terminal A1 A2:

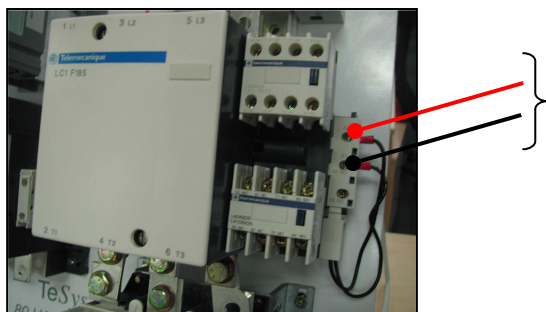


c) Measure:



Verify the voltage you measure is in the allowed range of "operating voltage" for the contactor you use. See technical data concerning your contactor

Note: you can make the same job for a TeSysF but the multi meter is not connected on the same points:



## (2) Contactor position

|                                       |                                                |                                           |
|---------------------------------------|------------------------------------------------|-------------------------------------------|
| <b>Operating positions</b><br>(3)     | Without derating<br>in the following positions |                                           |
| Positions that are<br>not permissible |                                                | For ~ contactors LC1 D09 to LC1 D65A.<br> |