

Service Guide

CDS303/803

Quick troubleshooting guide

To be used prior return



Intent of the document

Considering the important proportion of the drives returned that are concluded as *No Fault Found* i.e. *Fully Functional*, the intent of this document is to propose a simplified troubleshooting based on the alarms that can be read through the LCP display of the drives.

Step 1: Connect the LCP display on the drive (1).

Step 2: Power OFF / power ON the drive, let the unit try to start compressor.

Step 3: Check the alarms that are displayed on the drive and alarm history through **Alarm log**. Carefully write them (or take a picture) for further communication with Danfoss.

CDS303 Alarm Log

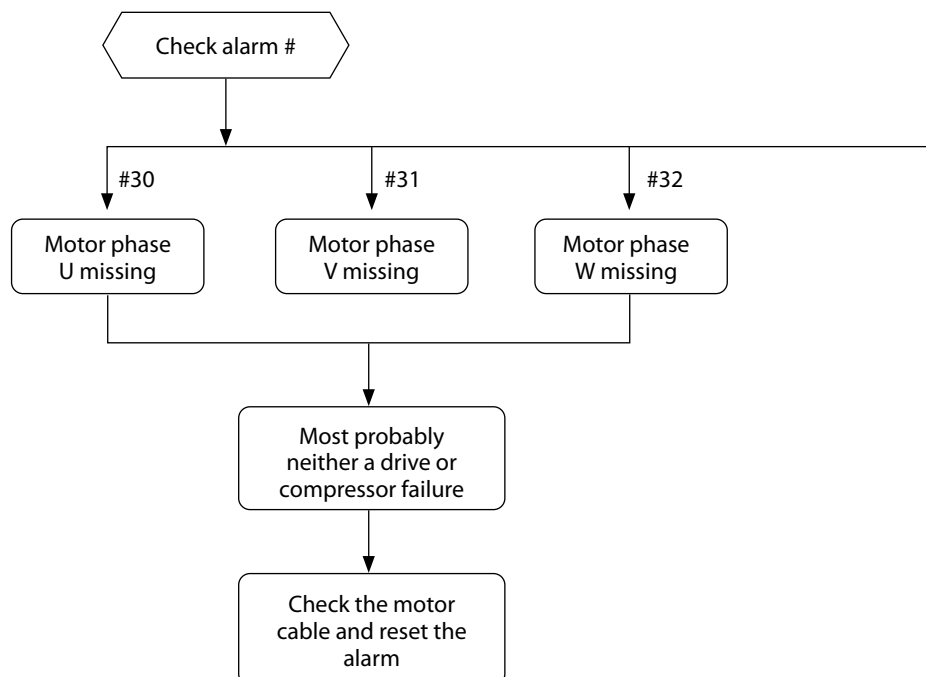
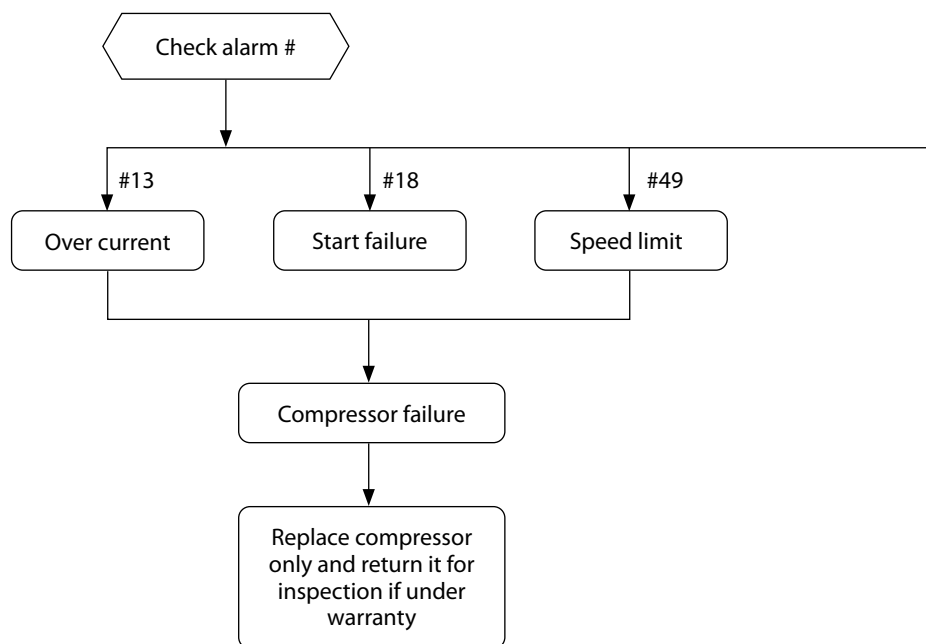


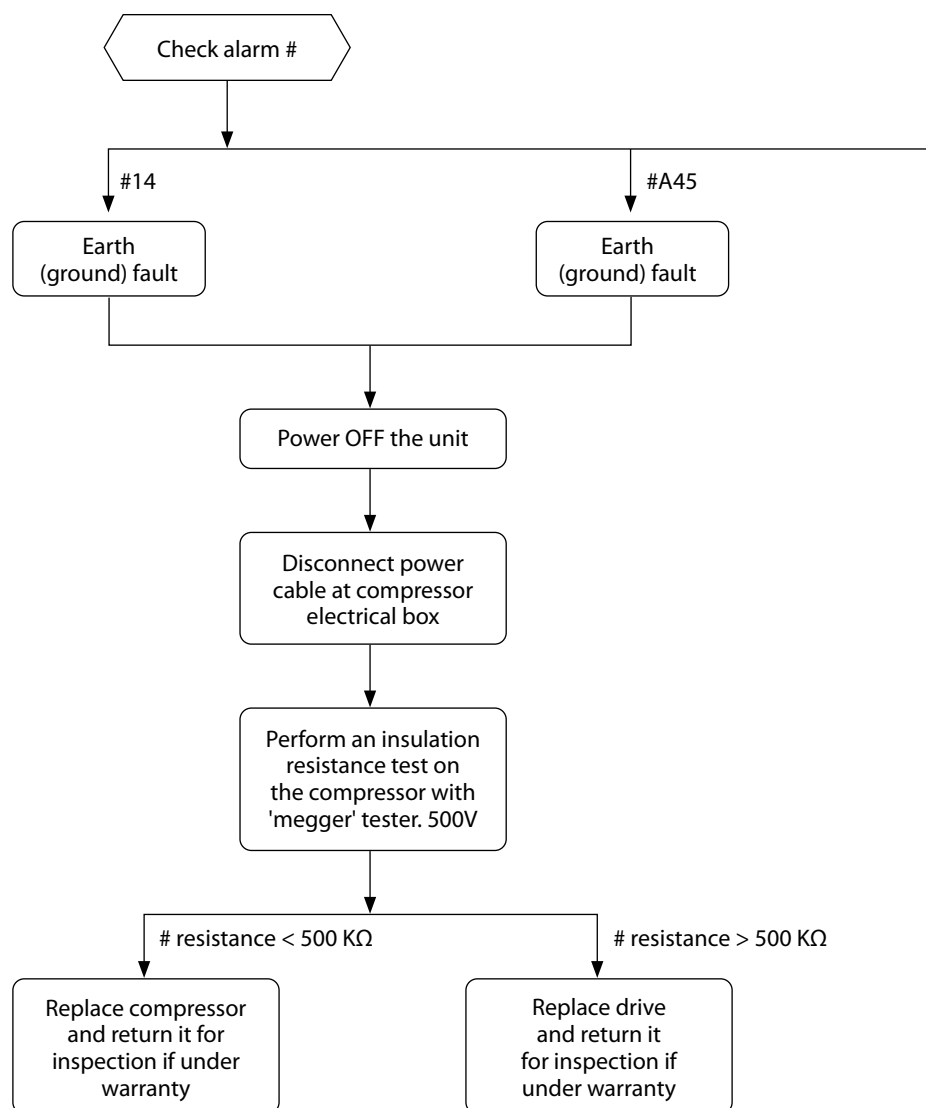
CDS803 Alarm log (Parameter 15-30 Alarm Log: Error Code)

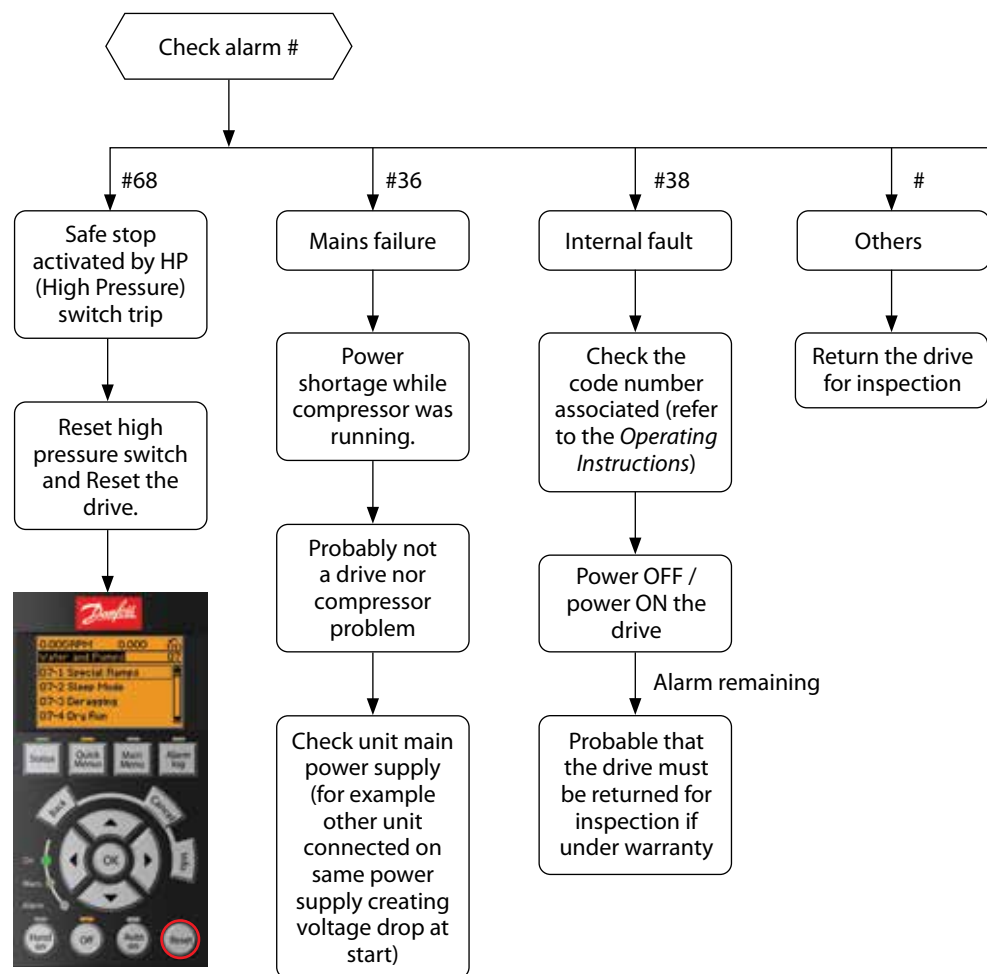


Go to Parameter 15-30 Alarm Log: Error Code

- 2x Menu
- 10x Arrow down
- Ok
- Arrow down
- 2x Ok
- Arrow up
- Up to 10 fault logs can be viewed.
- [0] is the most recent logged data, and [9] the oldest.







1. If the drive is not equipped with display, the ordering code numbers are 120Z0581 for CDS803 and 120Z0326 for CDS303. LCP kits for remote mounting 120Z0617 for CDS803 and 175Z0929 for CDS303 are also available if needed.
2. For further details regarding each alarm, refer to the Operating Instructions.

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