Programming Eaton DE Drive

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Difficulty **Easy** Duration **10 minute(s)**

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Step 1 - Plug programming lead and run DrivesConnect Software

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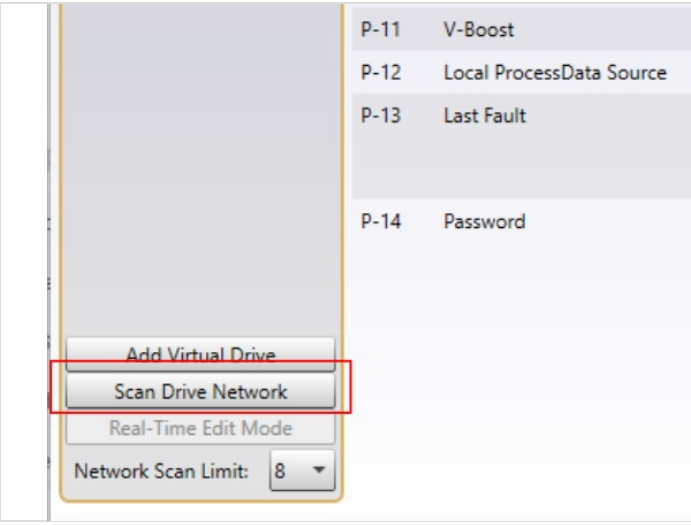
Comments

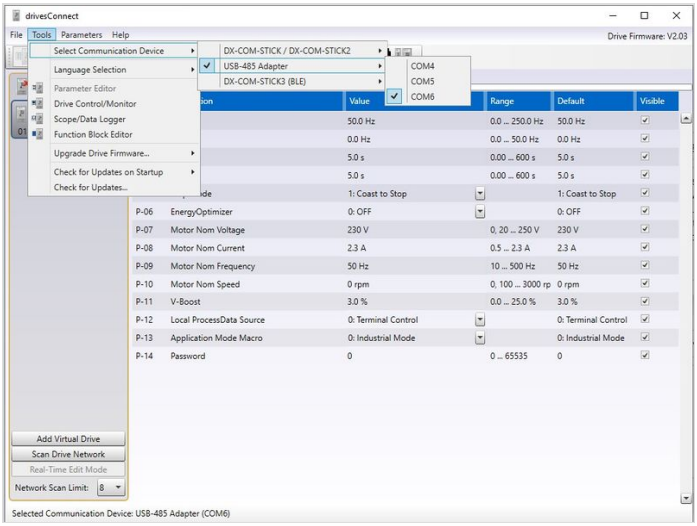
Step 1 - Plug programming lead and run DrivesConnect Software

Programming lead is kept at Stuga
Software can be downloaded at
http://www.drive-support-studio.com/OTS/Eaton/downloads/deploy/drivesConnect.htm
Select Parameter Edit from the menu

Step 2 - Scan Network for Drive

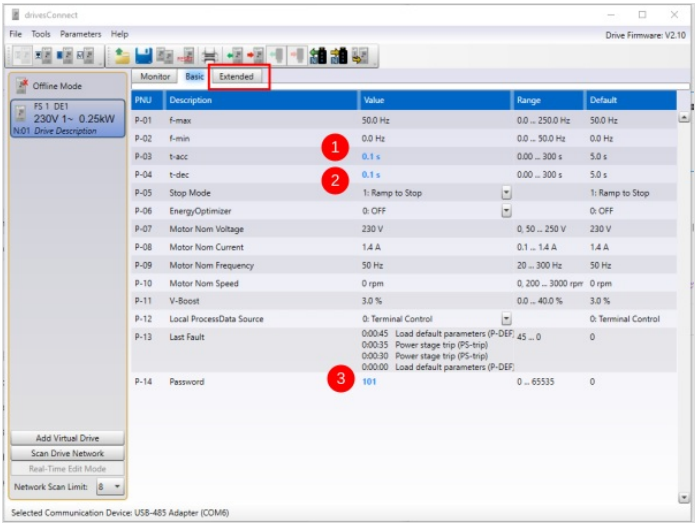
Click on Scan Drive Network to find the drive you are plugged in to
You may need to change the COM port to get this to work





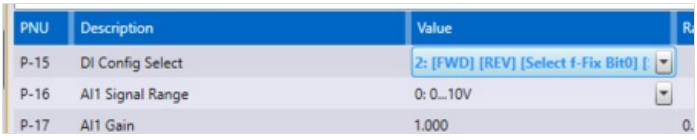
Step 3 - Set Parameters

- Set Accel (1) and Decel (2) according to which crank you are programming. Details of which can be found here
- Unlock Extended Parameters - Set P14 (3) to 101. This creates the "Extended" tab on the top



Step 4 - Set Config Mode

Click on the Extended tab
Set the P15 Config Mode to 2, which means [Fwd][Rev][Freqbit1] [FreqBit2]



Step 5 - Set Frequency References

Set these references P-20 to P-23 to 50Hz so it will not matter what input 3 or 4 is set to - it will always be 50Hz

Step 6 - Transfer Current Data Set to Drive

Press the button in the top toolbar with a picture of the drive and a red arrow