

7.1 Connection data

81K.1



The mains supply must always correspond with the connection values of the crane!

For other mains voltages, always consult Liebherr-Werk Biberach GmbH!

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- Connection data: 380 V – 500 V AC, 50-60 Hz, 63 A
(*plug-in mains connection*)
- Control voltages: 24 V DC

Network tolerances:

- Supply voltage: 3 x 400 V + 10% /- 5%
- Frequency: 50 Hz +/- 1%
- Supply voltage: 3 x 415 V +/- 10%
- Frequency: 60 Hz +/- 1%
- Supply voltage: 3 x 440 V +/- 10%
- Frequency: 60 Hz +/- 1%
- Supply voltage: 3 x 480 V + 5% - 10%
- Frequency: 60 Hz +/- 1%



Danger as a result of electrical energy!

- Work on the electrical equipment of the crane may only be carried out by an electrical specialist in accordance with the electro-technical regulations.
- Distribution, earthing and protective devices must conform with the local guidelines!
- It is imperative that the power supply is disconnected prior to each respective intervention at the frequency converter. Wait for the capacitors to discharge!