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NORDAC PRO – SK 500P (7.5 kW, Size 3)

SK 5xxP-751-340-A-S3



Publisher

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Technical Information / Datasheet	Additional Information SK 5xxP, 7.5 kW			
Documentation	TI 70_1801	V 1.0	4720	en

Validity of document

The following information applies for the following types of NORDAC *PRO* series frequency inverters.

- **SK 5xxP-751-340-A-S3**

These devices essentially correspond to the versions with a rated power of 5.5 kW *SK 5xxP-551-340-A*. These devices are based on the standard firmware of the NORDAC *PRO* SK 500P series in the current version V1.2 R0.

The following documents are therefore the basis for the device:

1. **BU 0600, edition 1020** (Mat. No.: 6076001)
Safety information, hardware description, installation notes and software description for the basic device
2. **BU 0610, edition 2520** (Mat. No.: 6076101)
Description of the POSICON function
3. **BU 0620, edition 1020** (Mat. No.: 6076201)
Description of Industrial Ethernet
4. **BU 0630, edition 2020** (Mat. No.: 6076301)
for the description of functional safety
5. **BU 0550, edition 1919** (Mat. No.: 6075501)
for the description of PLC functionality
6. and the following information identifying the differences of the device in comparison with **BU 0600** with regard to the hardware description and installation information.

1 General

The following deviations from the manual apply.

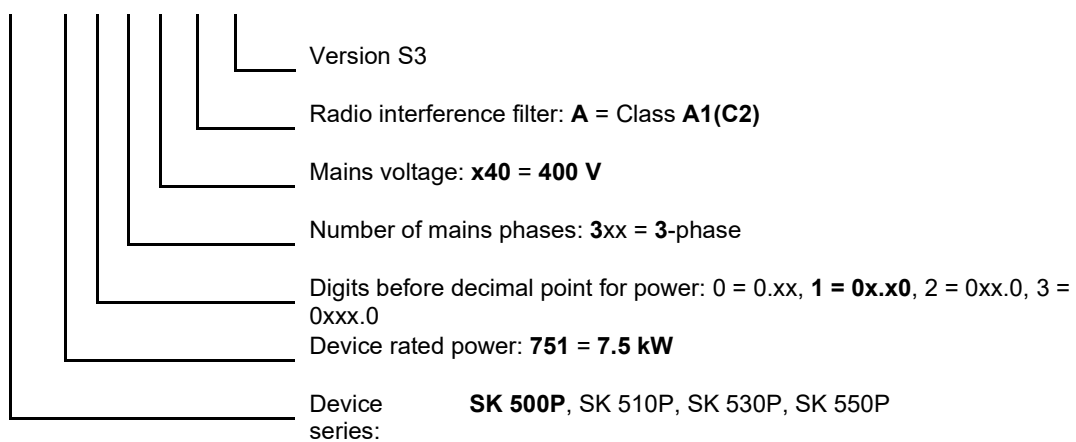
Chapter 1.7 Standards and approvals

There is **no EAC approval** for the devices with a power of 7.5 kW (SK 5xxP-751-340-A-S3).

This can be requested separately from NORD.

Frequency inverter type code (Chapter 1.8)

SK 500P-751-340-A -S3



2 Assembly and installation

The following deviations from the manual apply.

Chapter 2.1 Frequency inverter installation

The frequency inverter is a size 3 device.

The overall and mounting dimensions correspond to those of a device with a power of 5.5 kW.

Device type	Size	Overall dimensions (as delivered)			Fixing dimensions (Wall mounting)			
		A	B	C	D	E1	E2	∅
		Height	Width	Depth	Hole spacing length	Hole spacing width	Hole spacing edge	Diameter
SK 5xxP-751-340-A-S3	3	286	90.5	174.1	266	–	50	5.5

All dimensions in [mm]

Chapter 2.2 Braking resistor (BR)

The same assignments apply as for a frequency inverter with a rated power of 5.5 kW (SK 5xxP-551-340-A).

Chapter 2.3 Chokes

In preparation.

Chapter 2.4 mains filter

In preparation.

3 Options

No deviations

4 Commissioning

No deviations

5 Parameters

No deviations

6 Operating status messages

No deviations

8 Additional information

The following deviations from the manual apply.

Chapter 8.3.3 EMC of the device

The same assignments apply as for a frequency inverter with a rated power of 5.5 kW (SK 5xxP-551-340-A).

9 Maintenance and service information

No deviations