



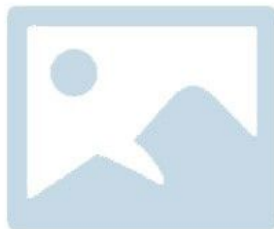
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# NORDAC PRO SK 500E-221-340-A

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Part no. 275420220



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Quantity

- 1 +

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PRODUCT ATTRIBUTES

Technical description

FREQUENCY INVERTER SK500E-221-340-A

▼ Technical Data

|                       |        |
|-----------------------|--------|
| Depth                 | 153 mm |
| Width                 | 74 mm  |
| Height                | 260 mm |
| Max. nominal power    | 2.2 kW |
| Output current (RMS)  | 5.5 A  |
| Output current (FLA)  | 4.9 A  |
| Min. pulse frequency  | 3 kHz  |
| Max. pulse frequency  | 16 kHz |
| Max. output frequency | 400 Hz |

|                   |                                |
|-------------------|--------------------------------|
| Nominal power     | 2.2 kW                         |
| Nominal power     | 3 HP                           |
| Efficiency        | > 95%                          |
| Overload capacity | 150 % for 60s / 200 % for 3,5s |

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## ▼ Technical design

|                                 |                           |
|---------------------------------|---------------------------|
| Efficiency class                | IE2                       |
| Mains supply                    | 3-phase 400/480V          |
| Control voltage type            | Internal 24V power supply |
| Surface treatment               | Without                   |
| Protection class                | IP20                      |
| Brake chopper                   | Yes                       |
| Status LED                      | Yes                       |
| Available diagnostic interfaces | RS232 / RS485             |
| System bus                      | No                        |
| Digital inputs                  | 5                         |
| Analogue/digital inputs         | 2                         |
| Analogue/digital outputs        | 1                         |
| Relays                          | 2                         |
| PTC input via digital input     | Yes                       |

|                                               |     |
|-----------------------------------------------|-----|
| PTC input                                     | No  |
| Communication interface of the rotary encoder | HTL |

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## ▼ Product references

|                 |   |
|-----------------|---|
| Possible motors | 0 |
|-----------------|---|

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## ▼ Master Data

|              |         |
|--------------|---------|
| Gross Weight | 1.55 kg |
|--------------|---------|

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## ▼ Certifications

|                        |                                                                 |
|------------------------|-----------------------------------------------------------------|
| Certifications         | RoHS, cUL, cTick, CE labelling, UL certification, EAC labelling |
| Fulfilled EMC standard | EN 61800-3                                                      |

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## ▼ Functions

|                                        |     |
|----------------------------------------|-----|
| Current vector control (ISD control)   | Yes |
| Speed controller (closed-loop control) | No  |
| Positioning with POSICON               | No  |
| 4 switchable parameter sets            | Yes |
| Stator resistance measurement          | Yes |

|                       |     |
|-----------------------|-----|
| Brake management      | Yes |
| PLC functionality     | No  |
| Lifting gear function | Yes |
| Evacuation run        | No  |

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