

EXPANDING PRODUCT SERIES

CANopen inverters with power outputs from 0,25 kW to 22 kW

Nord Drivesystems has announced to expand its CANopen-capable Nordac PRO inverter family to include two power levels covering ranges from 0,25 kW to 22 kW. It provides a CANopen interface, supporting CiA 402 device profile for drives and motion control.



The Nordac PRO SK 500P control cabinet inverters have been available since 2019. (Source: Nord Drivesystems)

The design in book-size format enables installation in control cabinets. The three sizes or power classes are now supplemented to include two models for power outputs from 7,5 kW to 11 kW and 15 kW to 22 kW. This enables applications such as in intralogistics, post-and-parcel, or the food industry. "With the additional sizes, we offer a further expansion of our comprehensive portfolio of ideally matched drive solutions", emphasized Jörg Niermann, Head of Marketing at Nord Drivesystems.

All size types of the product can be parametrized via a Bluetooth interface and are suited for operation of synchronous as well as asynchronous motors. Plug-in control and option modules are provided. Additionally, even the basic version of the device family offers connection and functional features such as CANopen interface, brake chopper, PLC (programmable logic controller) function, and Posicon positioning control. Furthermore, the safety

functions STO (Safe Torque Off) and SS1 (Safe Stop 1) can be integrated. An Ethernet interface is also provided.

Compared to previous models

Compared to previous generation cabinet-mounted frequency inverters of the company, the new inverters enable a reduction of device versions, which brings a clear efficiency advantage, especially for large-scale systems, explained Nord. At the same time, the inverters offer a wider and even better-quality range of functions, they added.

In addition to improved characteristics and performance features, the added inverter generation uses the Nordac parameter structure and is physically and functionally downward compatible. "We are successively expanding the family further", explained Niermann, "so that technologically leading Nordac PRO devices will be available for all power ranges in the coming years."

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