

NAA70/1-D

Industrial automation components

Manufacturer	Bosch
Catalog number	naa701-d
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	7.26 kgs kg
Supply Voltage	670 VDC (regulated), 715 VDC (non-regulated)
Rated Current	23 A
Switching Frequency	4 kHz
Control Type	Digital closed-loop control
Protocol	CANrho
Encoder Support	Standard encoders
Protection Class	IP20
Installation Requirements	Control cabinet with at least IP54 rating
Operating Temperature	Up to +45°C

Description

The Bosch NAA70/1-D is a servo drive module designed for precise control of synchronous and asynchronous motors within the Servodyn-D series. Operating at a supply voltage of 670 VDC (regulated) or 715 VDC (non-regulated), it delivers a rated current of 23 A at a 4 kHz switching frequency. The module features digital closed-loop control for position, speed, and current, ensuring high-performance operation. It incorporates the CANrho protocol and supports standard encoders, facilitating seamless integration into existing systems. With an IP20 protection class, the NAA70/1-D requires installation in a control cabinet with at least an IP54 rating. The device operates effectively at ambient temperatures up to +45°C, making it suitable for various industrial applications requiring reliable and efficient motor control.