APTER POWER PRODUCT GUIDE

NISA-03

DDCS/ISA Adapter Board

ABB NISA-03 is a DDCS interface board for an ISA-bus computer used with ABB DriveWare tools. It connects the engineering computer to the optical DDCS drive network.

Manufacturer	ABB
Model	NISA-03
Product type	DDCS/ISA Adapter Board
Product family	ABB DriveWare / DDCS
Country	Sweden
HS code	8537101190
Shipping origin	Xiamen, Fujian, China

APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Three interface paths, one controlled configuration.

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SCAN FOR PRODUCT & QUOTE

1. Product overview and identity

- Provides an ISA-to-DDCS communication path
- Connects DriveWindow-class tools to ABB drives
- Supports optical branching through NDBU hardware
- Uses hardware address selection for computer integration

Model configuration

Complete model	NISA-03
Product type	DDCS/ISA Adapter Board
System family	ABB DriveWare / DDCS

2. Technical specifications

Computer bus	ISA
DDCS interface	Optical
Default I/O range	0280-029F
Maximum boards per computer	2
DDCS link rate	1 Mbit/s

3. Functions, applications and components

Legacy DriveWindow commissioning

Provides an ISA-to-DDCS communication path

ABB drive diagnostics

Connects DriveWindow-class tools to ABB drives

DDCS network service

Supports optical branching through NDBU hardware

Multi-drive engineering access

Uses hardware address selection for computer integration

Associated system components

- ISA-bus computer
- ABB DriveWare software
- NDBU-85/95 branching unit
- DDCS optical fiber

4. Engineering FAQ and source record

Which computer slot is required by NISA-03?

NISA-03 requires a free ISA-bus slot.

What is the default I/O range for NISA-03?

ABB documents 0280-029F for the factory hardware configuration.

How many NISA-03 boards can be installed in one computer?

ABB documents a maximum of two boards.

How does NISA-03 connect to ABB drives?

It uses an optical DDCS link, directly or through the configured branching-unit structure.

Official source

ABB DriveWare SP 0407 ReadMe and NDBU-85/95 configuration instructions
https://library.e.abb.com/public/06606637591cf06ac2256ec2002811ab/ReadMe.pdf

ASK FOR QUOTE

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