MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

ABB DRIVES

NTAC-02 58967441

PULSE ENCODER INTERFACE MODULE

Used with the applicable ABB ACS 600 option modules configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: ABB official manufacturer documentation

Chapter 3 – Installation

Appendix A – Technical Data

Appendix B – Ambient Conditions

Appendix C – NTAC-01 Information

Appendix D – NDIO-01 Information

Appendix E – NAIO-01/02 Information

Chapter 1 – Introduction to This Guide

Overview

This chapter contains a description of the *NTAC-0x/NDIO-0x/NAIO-0x Installation and Start-up Guide*.

Intended Audience

The Guide is intended for people who are responsible for installing, commissioning and servicing the pulse encoder interface (NTAC) or I/O extension modules (NDIO, NAIO) of ACS 600 frequency converters. The user is expected to have a basic knowledge of electrical fundamentals, electrical wiring practices and the ACS 600.

Applicability

This Guide is applicable to the following module revisions:

- NTAC-02 revision C or later
  (Refer to Appendix C for information on earlier revisions.)
- NDIO-02 revision A or later
  (Refer to Appendix D for information on earlier revisions.)
- NAIO-03 revision A or later
  (Refer to Appendix E for information on earlier revisions.)

What This Guide Contains

The installation and start-up of the Pulse Encoder Interface Module, the Digital I/O Extension Module and the Analogue I/O Extension Module are introduced in this Guide.

Safety Instructions are placed in the first few pages of this Guide. Safety Instructions describe the formats for various warnings and notations used within this Guide. This chapter also states the safety instructions which apply to the installation and operation of the option modules.

Chapter 1 – Introduction to This Guide contains a short description of the Guide and a list of related publications.

Chapter 2 – Overview contains a description of the Pulse Encoder Interface Module and the I/O Extension Modules, a delivery checklist and warranty information.

Chapter 3 – Installation contains instructions for module hardware settings, mounting, cabling and programming.

Appendix A contains Technical Data.

Appendix B – Ambient Conditions lists the requirements for ambient conditions during transportation, storage and use of the NTAC-0x/ NDIO-0x/NAIO-0x module.

Appendix C – NTAC-01 Information includes information on the earlier NTAC module type (NTAC-01) for reference.