

# ACS800 Fiber Optic Communication



## Overview

Manufacturer: ABB Part Number: AINT-14C System Platform: ABB ACS800 Series Variable Frequency Drives (VFDs) Hardware Type: Fiber Optic Communication Board (Dual-Port) Architectural Role: Acts as the primary communication interface for ACS800 VFDs, enabling high-speed data.

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connect to an ACS800 drive through DDCS fiber optic communication. In addition, this requires Drive Window 2. The same Drive Window hardware (RDCO module and RUSB adapter used with the ACS800 is used for connection to Drive Composer Pro. If there is a. The ABB AINT-14C is a critical component in the Level 1 (Device) or Level 2 (Control) of the Purdue Model, depending on the application. This module adds four independent optical channels, letting you connect PROFIBUS/DeviceNet adapters, master/follower links. This chapter contains the safety instructions which you must follow when installing, operating and servicing the drive. If ignored, physical injury or death may follow, or damage may occur to the drive, motor or driven equipment. Read the safety instructions before you work on the unit. The AINT-02C is a crucial component for enabling optical communication in your ACS800. ACS800 DDCS Communications Module, Includes the connectors for fiber optic DDCS channels CH0, CH1, CH2 and CH3 -- +I508 Also known as: 64606948, ABBRDCO01CKIT.

## Article Content

ACS880 Master Follower Configuration Guide | PDF

The document provides information on configuring an ACS880 drive to replace an ACS800 drive in a master-follower application without modifying existing wiring or

Basic Guide Communication Acs800 | PDF | Parameter

The N-series fieldbus adapters are for the ACS800 and DCS800 with the fiber optic option installed on the drive. The N-series are DIN-rail mountable and require

ABB RDCO-01C ACS800 Inverter Fiber Optic

Description - ABB RDCO-01C ACS800 Inverter Fiber Optic Communication Adapter Shipping and Dispatch Details Shipping Methods

ABB ACS800 FIBER OPTIC ADAPTER RDCO-01C

Wir werden alles tun, um Ihnen zu gefallen und ein Lächeln auf Ihr hübsches Gesicht zu zaubern. Wir glauben, dass alle Streitigkeiten durch ordnungsgemäße Kommunikation beigelegt werden können.

ABB ACS880: Advanced Features | Ramco Innovations

Another advanced feature of this drive is the capability to use ABB's DDCS (fiber optic) communication network. This fiber optic link can be used in a master/follower setup. Up to 10 drives

RDCO-03 optical fiber adapter module, ABB Variable

Description RDCO-03 optical fiber adapter module, ABB Variable Frequency Drive ACS800 communication board Regarding transportation: We will conduct strict

1 PCS ABB ACS800 converter DDCS fiber optic communication

Find many great new & used options and get the best deals for 1 PCS ABB ACS800 converter DDCS fiber optic communication module RDCO-03C at the best online prices at eBay!

Refurbished ABB ACS800 Series AIMT-02C Fiber Optic

The AIMT-02C is a crucial component for enabling optical communication in your ACS800 series system, providing reliable and high-speed data transmission. With

EN / ACS800-07/U7 Drives (45 to 560 kW, 50 to 600 hp) Hardware

Fibre optic cables WARNING! Ignoring the following instructions can cause equipment malfunction and damage to the fibre optic cables: • Handle the fibre optic cables with care. When unplugging optic

EN / ACS800-17 Drives (55 to 2500 kW / 75 to 2800 hp) Hardware

Fibre optic cables WARNING! • Handle the fibre optic cables with care. When unplugging optic cables, always grab the connector, not the cable itself. Do not touch the ends of the fibres with bare hands

#### DRIVE COMPOSER PRO CONNECTING TO AN ACS800 WITH S A

Description: connect to an ACS800 drive through DDCS fiber optic communication. In addition, this requires Drive Window 2.40 installation on the same PC as Drive Composer. The same

EN / ACS800-01/U1 Drives Hardware Manual (0.55 to 200 kW, 0.75 to

- Handle the fibre optic cables with care. When unplugging optic cables, always grab the connector, not the cable itself. Do not touch the ends of the fibres with bare hands as the fibre is extremely sensitive

EN / ACS800-07 (+V992) drives (500-2800 kW) hardware manual,

Fibre optic cables WARNING! • Handle the fibre optic cables with care. When unplugging optic cables, always grab the connector, not the cable itself. Do not touch the ends of the fibres with bare hands

#### ABB AINT-14C | ACS800 Fiber Optic Communication Board - Specs

The AINT-14C leverages fiber optic technology to achieve high-speed (up to 100 Mbps) and reliable data transmission, even in environments with high electromagnetic interference (EMI).

ACS800 DDCS Communications Module, +I508

ACS800 DDCS Communications Module, Includes the connectors for fiber optic DDCS channels CH0, CH1, CH2 and CH3 -- +I508. Also known as: 64606948, ABBRDCO01CKIT.

#### ABB RDCO-02C 64606956 | DDCS Communication Board ACS800

ACS800 drives need fiber optic communication to fieldbus adapters, remote I/O, and programming tools without copper cabling that's vulnerable to electromagnetic interference.

#### ABB industrial drives

ABB industrial drives ABB industrial drives are designed for industrial applications, and especially for applications in process industries such as the pulp & paper, metals, mining, cement, power,

EN / FDCO-01/02 DDCS communication modules user's manual

Hardware description The FDCO DDCS communication module enables fiber optic connection on the DDCS protocol for ABB drives. The module includes the connectors for fiber optic DDCS channels

Mast-fol.bk

This chapter describes the communication between the Master station and the Follower stations, and presents the Master/Follower communication set-up parameters.

EN / ACS800-37 Drives 55 to 2700 kW (75 to 3000 hp) Hardware

The RDCU is connected to the inverter module(s) by a fibre optic link, distributed through an optical branching unit. In the inverter modules, the optic link connects to the AINT board, the terminals of

880 MASTER F GUIDE ACS800880 MA

M/F Fiber Link Configuration: The M/F link for the 880 is a two fiber wire connection just like the 800. The 880 can be programmed to pass and read data like an 800, so the fiber wire

EN / ACS800-04/U4 Drive Modules Hardware Manual (0.55 to 200

Fibre optic cables **WARNING!** Ignoring the following instructions can cause equipment malfunction and damage to the fibre optic cables: • Handle the fibre optic cables with care. When unplugging optic

en\_RDCO\_DDCS\_CommOptionModules\_B.fm

Plastic optical fiber (POF) cables can be used with both 5 MBd and 10 MBd optical components. 10 MBd components also enable the use of Hard Clad Silica (HCS) cables, which allow longer connection

ACS800 & ControlNet | PLCtalk

Not easy and we use ControlNet to set velocity, torque mode, master slave (the drives are also linked with ABB's fiber optic connection) and set points. They also helped us to gain some

ACS800-11 drives (5.5 to 110 kW) ACS800-U11 drives (7.5 to 125 hp)

The ACS800-11/U11 is a four-quadrant wall mountable drive for controlling AC motors. The main circuit consists of two IGBT converters, a line-side converter and a motor-side converter, integrated into the

RDCO Communication Module Overview | PDF | Optical

The RDCO-0x modules are add-on modules for ABB's ACS 800 frequency converters that provide four fiber optic DDCS communication channels. The

## Contact Us

For more information, pricing, or custom solutions, please contact us:

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