ABB DDCS

# Product Data Sheet

## RDCO-02C

RDCO-02C Optical Communication Option Module

| CHANNEL 0 OPTICAL COMPONENT | CHANNEL 1 OPTICAL COMPONENT | CHANNEL 2 OPTICAL COMPONENT | CHANNEL 3 OPTICAL COMPONENT |
|---|---|---|---|
| **5 MBd** | **5 MBd** | **10 MBd** | **10 MBd** |

ABB RDCO-02C is the RDCO-02C Optical Communication Option Module for ABB DDCS. The RDCO-02C provides four fiber-optic DDCS channels for a compatible ABB drive control unit.

## 01 TECHNICAL DATA

| | |
|---|---|
| Channel 0 optical component | 5 MBd |
| Channel 1 optical component | 5 MBd |
| Channel 2 optical component | 10 MBd |
| Channel 3 optical component | 10 MBd |
| Supply voltage | 5 V DC ±10% |
| Maximum current consumption | 200 mA |
| Host connector | 20-pin header |
| Optical connector pairs | 4 |
| Enclosure protection | IP20 |
| Board finish | Conformal coated |

## 02 ADDITIONAL PRODUCT DATA

Channel 0 optical component is specified as 5 MBd. The published data also lists 5 MBd for channel 1 optical component and 10 MBd for channel 2 optical component.

## 03 PRODUCT FUNCTION

The RDCO-02C provides four fiber-optic DDCS channels for a compatible ABB drive control unit. Review the host documentation for the installed ABB DDCS configuration.

## 04 SYSTEM COMPATIBILITY

Check the transmitter and receiver optical component types at both ends of each link. Compare the project settings with the corresponding product ratings.

## 05 REFERENCE

ABB 3AFE64492209 Rev B, RDCO-0x DDCS Communication Option Modules

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