DCS800 SDCS-COM-81 DDCS

Product Data Sheet

SDCS-COM-81 3ADT314900R1502

Optical DDCS Communication Board

OPTICAL CHANNEL COUNT	CHANNEL 0 OPTICAL HARDWARE	CHANNEL 2/3 OPTICAL HARDWARE	DDCS DATA TRANSMISSION
4 transmit/receive channel pairs	**10 Mbaud**	**10 Mbaud**	**4 Mbit/s maximum per channel**

ABB SDCS-COM-81 3ADT314900R1502 is an optical DDCS communication board in the DCS800 SDCS-COM-81 DDCS family. It serves compatible installed control equipment in the documented system configuration.

01 VERIFIED TECHNICAL DATA

Optical channel count	4 transmit/receive channel pairs
Channel 0 optical hardware	10 Mbaud
Channel 2/3 optical hardware	10 Mbaud
DDCS data transmission	4 Mbit/s maximum per channel
Channel 1 optical hardware	5 Mbaud G to I; 10 Mbaud K and later
Green supply indication	5 V supply healthy
Red status indication	Flashing startup; continuous fault
Maximum 10-Mbaud driver current	50 mA

Values follow the unit photographs and applicable documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Naked product size	14.6 x 10.3 x 3.5cm
Naked product weight	0.10kg

03 DOCUMENTED USE SETTINGS

Mining and Mineral Processing Production: Mineral Processing and Beneficiation.

Pulp Processing and Paper Production: Pulp Preparation and Processing.

Metal Processing and Rolling Production: Steel Rolling Process Control.

04 SYSTEM COMPATIBILITY

Match SDCS-COM-81 3ADT314900R1502 to the documented DCS800 SDCS-COM-81 DDCS arrangement. Confirm the supplied execution, connections and required companion equipment before integration.

05 PRODUCT EVIDENCE

ABB DCS800 Hardware manual 3ADW000194R0811, pp.82 to 84

AMIKON PRODUCT SUPPORT

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