DCS880 SDCS-CON-H01

Product Data Sheet

SDCS-CON-H01 3ADT320000R1501

DC Drive Control Board

ANALOG INPUT ALLOCATION	SELECTABLE AI1/AI2 RANGES	AI3 VOLTAGE RANGE	ANALOG OUTPUT ALLOCATION
3 differential inputs	**±10 V or 0/4 to 20 mA**	**±10 V**	**2 programmable outputs**

ABB SDCS-CON-H01 3ADT320000R1501 is a dc drive control board in the DCS880 SDCS-CON-H01 range. It serves compatible industrial equipment within the documented configuration.

01 VERIFIED TECHNICAL DATA

Analog input allocation	3 differential inputs
Selectable AI1/AI2 ranges	±10 V or 0/4 to 20 mA
AI3 voltage range	±10 V
Analog output allocation	2 programmable outputs
AO1 range selection	±10 V or 0/4 to 20 mA
AO2 voltage range	±10 V
Digital input allocation	6 plus separate interlock
Configurable digital I/O	2 DIO channels
Relay output capacity	3 changeover outputs, 250 V AC / 30 V DC, 2 A
Sensor supply limit	24 V DC, 200 mA shared

Values follow the applicable manufacturer documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Encoder excitation options	5 V or 24 V DC, 250 mA
Analog tacho input	±8 to 270 V DC
Drive-to-drive link maximum	50 m, double-shielded twisted pair
Control conductor range	0.5 to 2.5 mm²
Terminal tightening torque	0.5 N m

03 DOCUMENTED USE SETTINGS

Metal Processing and Rolling Production: Steel Rolling Process Control.

Pulp Processing and Paper Production: Pulp Preparation and Processing.

Mining and Mineral Processing Production: Mineral Processing and Beneficiation.

04 SYSTEM COMPATIBILITY

Match SDCS-CON-H01 3ADT320000R1501 to the installed DCS880 SDCS-CON-H01 equipment, connectors and accepted configuration before integration.

05 PRODUCT EVIDENCE

DCS880 SDCS-CON-H01 applicable documentation; full suffix and installed execution require matching

AMIKON PRODUCT SUPPORT

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