DCT880 SDCS-PIN-H11

Product Data Sheet

SDCS-PIN-H11 3ADT318600R1501

Thyristor Power Interface Board

AUXILIARY VOLTAGE	NOMINAL AUXILIARY CURRENT	POWER CONSUMPTION	AUXILIARY BUFFERING TIME
24 V DC ±10%	**2.5 A; ≥3 A for W0b-0420**	**72 W**	**40 ms**

ABB SDCS-PIN-H11 3ADT318600R1501 is a thyristor power interface board in the DCT880 SDCS-PIN-H11 family. It serves compatible installed control equipment in the documented system configuration.

01 VERIFIED TECHNICAL DATA

Auxiliary voltage	24 V DC ±10%
Nominal auxiliary current	2.5 A; ≥3 A for W0b-0420
Power consumption	72 W
Auxiliary buffering time	40 ms
Power-fail threshold	20.5 V DC
Supply recovery threshold	20.8 V DC, 0.3 V hysteresis
Power-fail delay	10 ms
Power interface wire range	0.5 to 2.5 mm²
Terminal tightening torque	0.5 N m
Fuse F100 to F102 rating	KTK 25, 25 A

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

02 ADDITIONAL PRODUCT DATA

Internal current interfaces	X3, X4, X5
Mains measurement interfaces	X51, X52, X53
Heatsink temperature interface	PTC input X22
Firing transformer positions	T11 to T16
External measurement connection	X60 voltage, X65 current

03 DOCUMENTED USE SETTINGS

Metal Processing and Thermal Treatment Production: Metal Heat Treatment Production.

Food Processing and Beverage Thermal Production: Industrial Baking and Production.

Pulp Processing and Paper Thermal Production: Pulp Processing and Drying.

04 SYSTEM COMPATIBILITY

Match SDCS-PIN-H11 3ADT318600R1501 to the documented DCT880 SDCS-PIN-H11 arrangement. Confirm the supplied execution, connections and required companion equipment before integration.

05 PRODUCT EVIDENCE

ABB DCT880 Manual 3ADW000431R0901, SDCS-PIN-H11 pp.71 to 75

AMIKON PRODUCT SUPPORT

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