SIMOREG DC-MASTER 6RA70

Product Data Sheet

6RX1700-0AK00

CUD2 Terminal Expansion Module

SELECTABLE ANALOG INPUTS	ANALOG INPUT RANGE	ANALOG INPUT RESISTANCE	ANALOG INPUT RESOLUTION
2	**+/-10 V**	**52 kohms**	**+/-10 bits**

Siemens 6RX1700-0AK00 is the CUD2 terminal expansion option for SIMOREG DC-MASTER 6RA70. It adds selectable analog inputs and outputs, additional binary connections, a motor-temperature sensor input and the third serial interface to the control arrangement. Siemens identifies the corresponding CUD2 board as C98043-A7006.

01 TECHNICAL DATA

Selectable analog inputs	2
Analog input range	+/-10 V
Analog input resistance	52 kohms
Analog input resolution	+/-10 bits
Analog common-mode allowance	+/-15 V
Selectable analog outputs	2
Analog output range	0 to +/-10 V
Maximum analog output load	2 mA
Analog output resolution	+/-11 bits
Digital output channels	2

02 ADDITIONAL PRODUCT DATA

Digital output current	100 mA; short-circuit protected
Binary-input high level	+13 to +33 V
Binary-input low level	-33 to +3 V or open
Serial interface 3	RS485; two-wire or four-wire
Maximum terminal conductor	1.5 mm2

03 PRODUCT FUNCTION

The two selectable analog inputs accept +/-10 V at 52 kohms and provide +/-10-bit resolution. The two analog outputs provide 0 to +/-10 V with a maximum 2 mA load and +/-11-bit resolution. The additional serial interface supports two-wire or four-wire RS485; the plug-in screw terminals accept conductors up to 1.5 mm2.

04 SYSTEM COMPATIBILITY

Wire the analog inputs and outputs to their X164 terminals with the documented reference connections. Match the +/-10 V ranges and keep analog output loading within 2 mA. Use shielded motor-temperature sensor wiring grounded as specified, and choose the sensor setting through the documented P490 index 2 arrangement.

05 REFERENCE

Siemens SIMOREG DC-MASTER Control Module, 6RX1700-0BD76, ordering information and CUD2 terminal specifications.

AMIKON PRODUCT SUPPORT

+86-18020776786 INFO@AMIKON.CN **AMIKONG.COM**