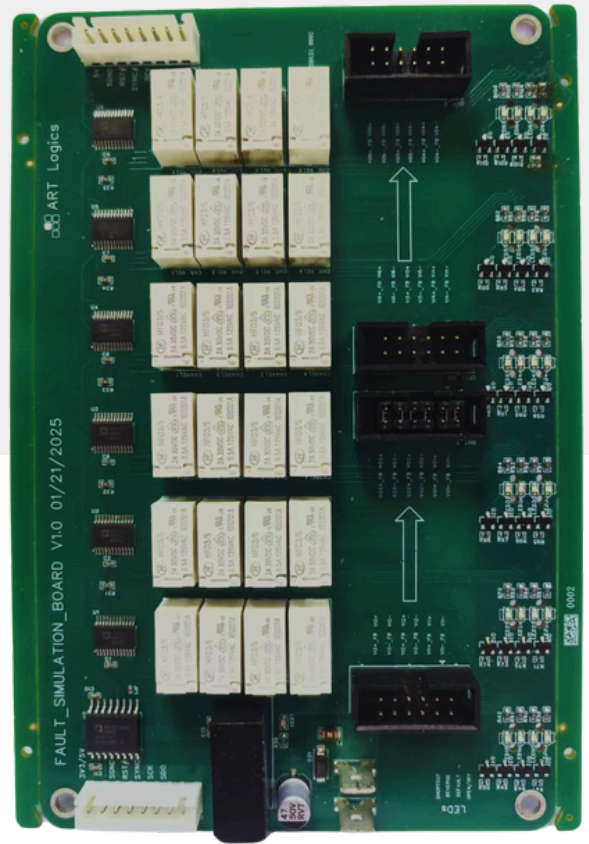


6CH Cell Fault Simulation

OVERVIEW

The 6CH Cell Fault Simulation board adds fault simulation functions for ART Logics Cell Simulator. Besides normal cell output, this module supports simulation of certain cell faults, such as shortcut, open-circuit, reversed. Each channel can be controlled individually by send commands via USB serial port or Ethernet.



DIMENSION

L*W=126mm*114mm

KEY FEATURES

- 6 Channels with built-in Fault Logic
- LED Indicator for fault status
- Support:Shortcut, Open Circuit, Reversed Mode

OPERATING TEMPERATURE

-40°C ~+ 85 °C

POWER REQUIREMENT

DC power supply:
24VDC, 1A

DETAILED SPECIFICATIONS:

Input/Output	Value	Unit
Maximum Forward Current	1	A
Single Channel Cell Input/Output	-7 to 7	V
Contact Resistance	< 0.25	Ω

Environment	Value	Unit
Power Supply	18 to 32	V
Storage Temperature	-40 to +125	$^{\circ}\text{C}$
Operation Temperature	-20 to +85	$^{\circ}\text{C}$

ENVIRONMENTAL

The 6CH Cell Fault Simulation board is intended for indoor use only but may be used outdoors if installed in a suitable enclosure. Refer to the manual for more information about meeting these specifications.

Operating temperature	-20 $^{\circ}\text{C}$...+85 $^{\circ}\text{C}$
Storage temperature	-40 $^{\circ}\text{C}$...+125 $^{\circ}\text{C}$
Ingress protection (IP code)	None
Operating humidity	10-90% RH non condensing
Storage humidity	5-95% RH non condensing

USE EXAMPLES

The 6ch Cell Simulator board can be pin-to-pin connected with an ART Logics Cell Simulator board. Connect the 2x6 Output connector of Cell Simulator to CELL_IN1 and CELL_IN2, and the connectors OUT_1 and OUT_2 will be the whole system output

SUPPORT AND SERVICES

ART Logics always adheres to a customer-centric approach, committed to providing high-quality products and an exceptional service experience. After product delivery, we promise comprehensive after-sales services, including professional product consultation, prompt technical support, and efficient solutions, ensuring our customers a worry-free experience.

DIMENSION

Dimension:

L*W=126mm*114mm



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