



RELAY CARD

User Manual

1 to 3kVA



Model	Article number
a-TroniX Relay card 1-3 kVA	9885110

INTRODUCTION

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Thank you very much,

for purchasing our a-TroniX series relay card.

The relay card is an intelligent optional expansion card for your UPS (Uninterruptible Power Supply).

It's an electronic module that is used for the potential-free exchange of signals between a UPS and a higher-level control.

It serves as an interface for the UPS periphery monitoring.

Read carefully before use!

Read this manual carefully before installation.

It contains important regulations and instructions for the use of this product and provides technical support for the operator of the unit.

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1. Function

The relay card belongs to the intelligent optional expansion cards and is used for direct and potential-free coupling with external controls and/or machines.

This allows the UPS status to be transmitted in real time to higher-level controls.

2. Definition

Pins definition of connecting terminal on the board:

Terminal No.	Terminal function
1	Common source
2	UPS on NO
3	AC fail NO
4	AC fail NC
5	Batt low NO
6	Batt low NC
7	UPS alarm NO
8	UPS alarm NC
9	Bypass active NO
10	Bypass active NC
11	UPS fail NO
12	UPS fail NC
CN4-1	Remote shutdown
CN4-2	GND

For function definition of connecting terminal you can also get relevant information from the imprint on the rear of the card.

3. Product appearance



a-TroniX Relay Card for real-time monitoring of the UPS.

4. Installation

It applies to high frequency on-line UPS with SNMP SLOT (INTELLIGENT SLOT).

All inputs/outputs are isolated or potential-free.

The relay card can easily be plugged into the adapter slot (INTELLIGENT SLOT) of the UPS and must then be coupled to the higher-level control via a signal cable.

The card is also configurable, so that essentially the assignment and the switching behaviour can be defined.

1. Open the cover plate of INTELLIGENT SLOT on the rear panel of UPS.



2. Insert the card directly along the gap of the INTELLIGENT SLOT until the metal plate of the connection interface is tight against the surface of the UPS back panel. This indicates that the card is inserted correctly. Then use the screw lock and fix the relay card in place.



3. Connect the UPS to the monitor via the connection cable. The monitoring device displays and controls the operating status of the UPS to allow remote monitoring of the UPS operation.

5. Recycling & ENVIRONMENT



- Do not discard waste electrical or electronic equipment (WEEE) in the trash. Refer to your local codes for disposal requirements.
- For more information, contact us on the hotline +49 4101/376760, at info@akkusys.de or use the QR code.



- Indicates recycling information. The packaging is recyclable. Refer to your local codes for disposal requirements.



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