SCHEDARELAY1

Mini Dry contact card
USER MANUAL

(Ver.02 21.04.2018)

I. Function description

Mini dry contact card is UPS options, which is used to provide UPS internal status to the outside or control peripheral device according to UPS status in the form of dry contact.

Card-insert dry contact adopts golden-finger interface, you can insert it into SNMP slot of the working UPS directly.

II. Introdrction of dry contact interface

It mainly introduces dry contact terminal interface pins definition and function of card-insert dry contact.

1. Pins definition of connecting terminal on the board

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

contacts related to the relay card not powered and not mounted in the UPS

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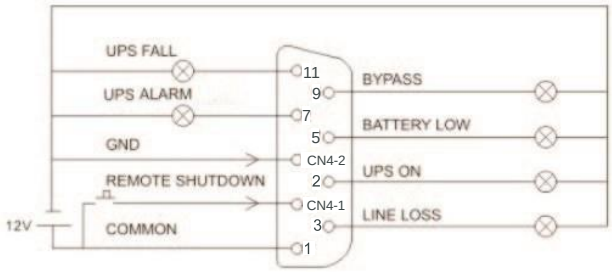
contacts related to the relay card powered and mounted in the UPS

Relay	DC Voltage DC Current	V_{DC} I_{DC}	24 1.0	V A
	AC Voltage	V_{AC}	120 240	V V
	AC Current	I_{AC}	1 0,5	A A

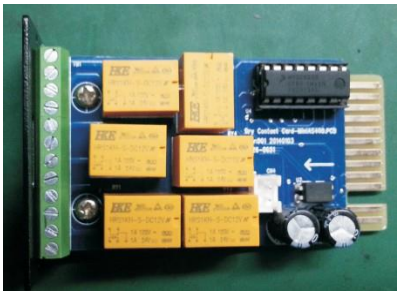
For function definition of connecting terminal, you can also get relevant information from the silk-print on the rear of the card.

2. Application instruction of dry contact card

Peripheral monitoring device provides regular power to common terminal. Take the shown circuit for example, every signal terminal connects to relevant indicator and remote shutdown key, then it can achieve monitoring the UPS remotely.



III. Product appearance



IV. Range of use

It applies to high frequency on-line UPS with SNMP slot.

V. Application field

1. IBM server, PC machine, work station and other device application.
2. Industry device automatic control and communication application.
3. Dry contact card only provides interface (dry contact), users make application software themselves.

VI. Installation

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

2. Insert dry contact card directly along the gap of SNMP SLOT.
3. Insert dry contact card until the metal plate of terminal interface clings closely to surface of UPS rear panel. It indicates the card insertion is OK. Then use the screw lock and fasten the dry contact card.

4. Connect with monitoring device by connecting wire of dry contact card. The monitoring device will display and control UPS operating status, to achieve remote monitoring of UPS operation.

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