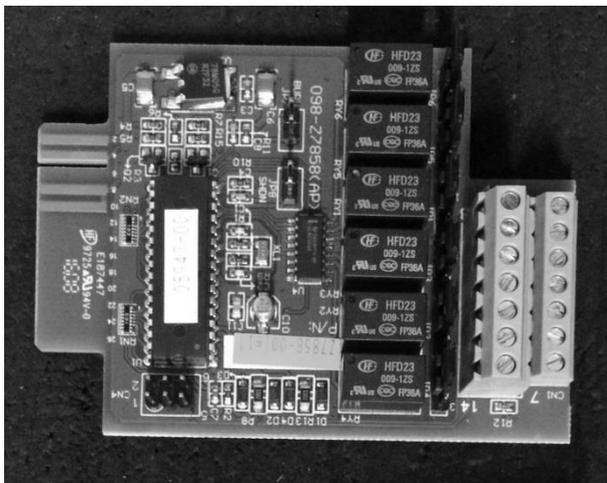


# PowerWalker Mini AS-400 Card 4 User Manual

## Product Introduction

- Mini AS400 card is an accessory for UPS, it can be installed into UPS intelligent slot to provide dry contact signal. These dry contact signals display the UPS operation status.



## UPS models

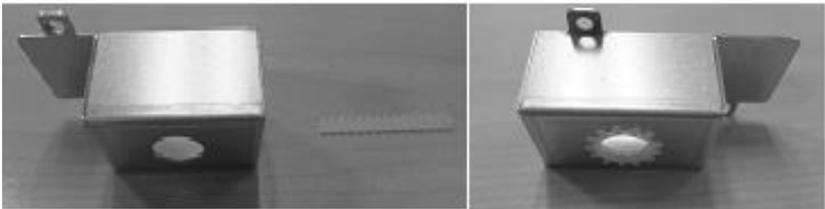
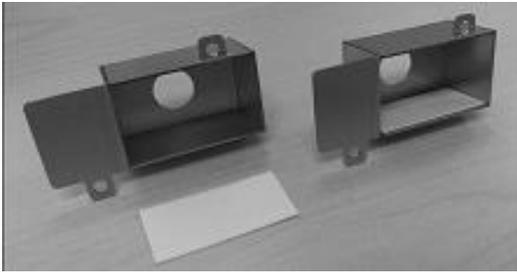
- UPS with mini intelligent slot can use this accessory.

## Installation

1. Open the plastic cover of the intelligent slot onto back of UPS as following picture.



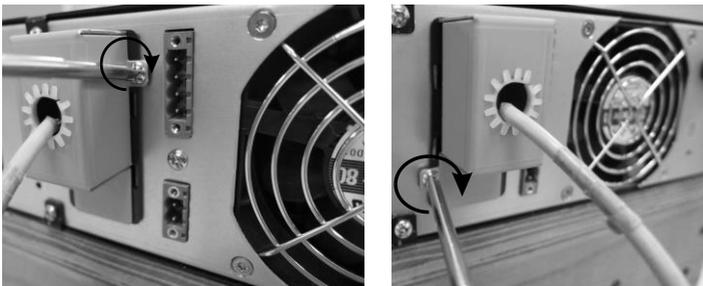
2. Add isolation label and cable protector as following pictures.



3. Insert the mini AS400 card into the intelligent slot as following picture.



4. Connect the cable, then screw the cover as following pictures.



# Mini AS400 Specification

- Mini AS400 card provides dry contact signal only, below is the parameter range.

Parameter		SYMBOL	MAX.	UNIT
Diode	Reverse Voltage	VR	6	V
	Forward Current	IF	80	mA
	Peak Forward Current	IF (peak)	1	A
Relay	DC Voltage	VDC	24	V
	DC Current	IDC	1	A

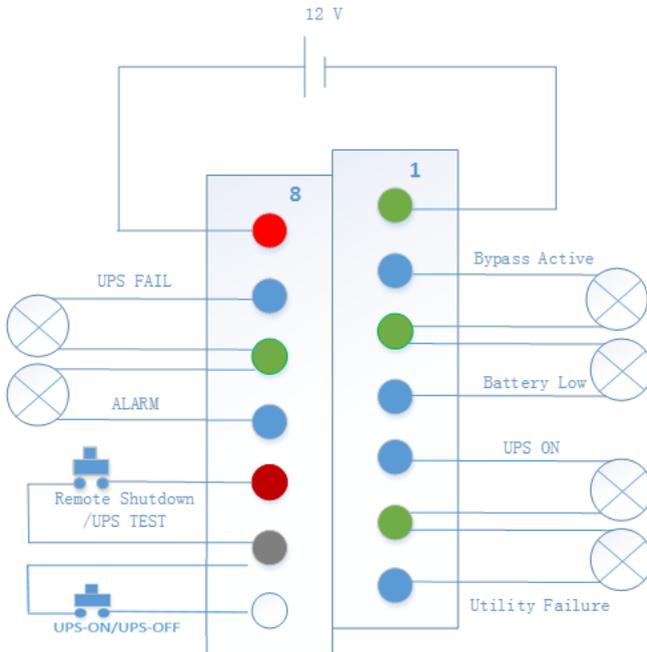
- Pin definition.

Pin	Signal definition	Reason	I/O	Jumper location
9	UPS Fault	UPS Internal Fault	Out	NO : JP1 2-1
				NC : JP1 2-3
11	Summary Alarm	1. Utility Failure	Out	NO : JP3 2-1
		2. UPS Fault		
		3. Bypass Mode		NC : JP3 2-3
		4. Communication Error		
1,3,6,10	External power ground		In	
12	Remote Shutdown / UPS Test	Shutdown in battery mode / UPS Test (3-10S signal length)	In	UPS Test : JP8 2-1
14	UPS ON(SON)/ UPS OFF(SOFF)	Remote control UPS : Switch on / Switch off	In	
8	Common		In	
13	Pin 14,12 ground			
2	Bypass Active	Bypass Active	Out	NO : JP5 2-1
				NC : JP5 2-3

4	Battery Low	Battery Low	Out	NO : JP2 2-1
				NC : JP2 2-3
5	UPS ON	UPS Output	Out	NC : JP4 2-1
				NC : JP4 2-3
7	Utility Failure	Utility Failure	Out	NO : JP6 2-1
				NC : JP6 2-3

## Connection example

- To remote monitor UPS status as example, user can connect the circuit as following picture.



User need to provide power (below 24VDC) and ground. Connect the display and control button to the interface to get UPS operation status and remote shutdown UPS when utility becomes failure.