# AS- 400 TOP V

The AS400-S communication card provides contact closures for remote monitoring your Inverter. To meet different application requirements the AS400-S card is capable of selecting the status of the dry-contact signal (active close or active open) by setting jumper. These suitable applications are listed below:

• IBM Server, Personal PC & Workstations equipments
• Auto-controlled industrial equipment & communication applications

System block diagram
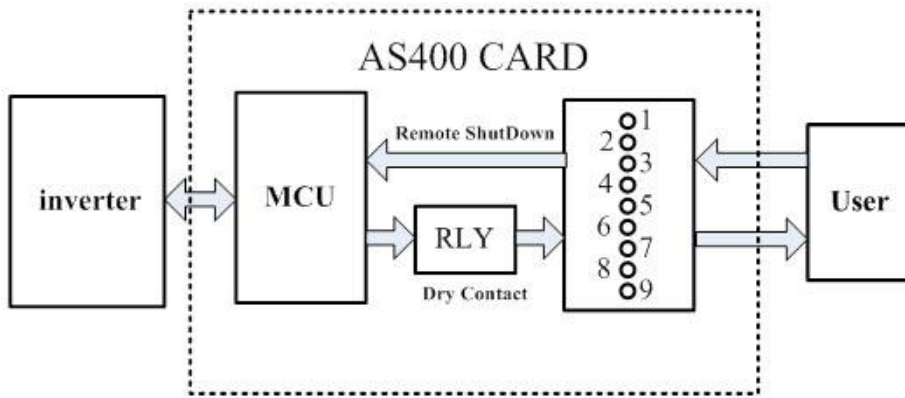
Internal circuit of 9-PIN port
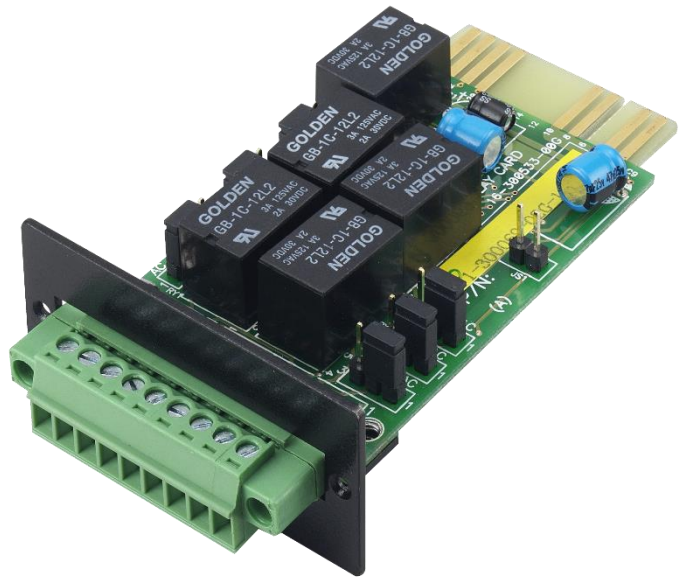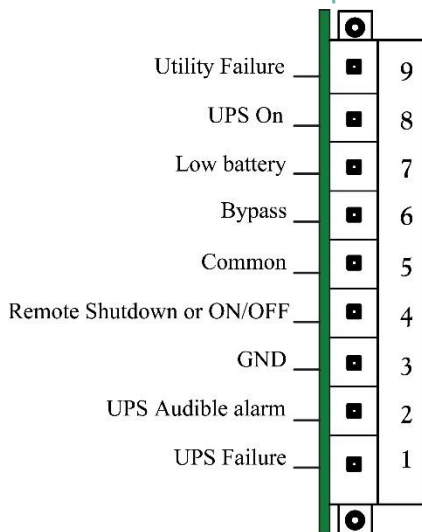
Electric Parameter of 9-PIN port

Parameter		Symbol	Max.	Min.	Unit
Resistor*	DC Current	IR	6	1	mA
Diode	Reverse Voltage	VR	6	-	V
	Forward Current	IF	50	-	mA
	Peak Forward Current	IF (Peak)	1	-	A
Relay	DC Voltage	VDC	24	-	V
	DC Current	IDC	1.0	-	A

*Note: It's required to retain the DC current lower than 6mA. Otherwise, it's necessary to add one resistor within DC current limitation in the serial loop of Remote Shutdown. (e.g. 2K resistor with at least 0.1W rating power). Refer to diagrams in Application.

Pin Assignment

Pin Assignment	Function	I/O
Pin 1	UPS Failure	O/P
Pin 2	UPS Audible Alarm	O/P
Pin 3	GND (Common for Pin 4)	Power Ground
Pin 4	On/Off	I/P
Pin 5	Common for Relays	Power Supply
Pin 6	Bypass Active	O/P
Pin 7	Low Battery	O/P
Pin 8	UPS On	O/P
Pin 9	Utility Failure	O/P

P.S. The ON/OFF function pin (pin4 & pin3) accepts more than 2s high level signal to perform UPS on and off actions.

Function Description

AC Status	AO Status	Reason
Pin 1 & Pin 5 connected	Pin 1 & Pin 5 disconnected	UPS failure
Pin 2 & Pin 5 connected	Pin 2 & Pin 5 disconnected	UPS failure, utility failure, low battery, bypass active
Pin 6 & Pin 5 connected	Pin 6 & Pin 5 disconnected	Bypass active
Pin 7 & Pin 5 connected	Pin 7 & Pin 5 disconnected	Battery voltage is low
Pin 8 & Pin 5 connected	Pin 8 & Pin 5 disconnected	UPS is in inverter mode
Pin 9 & Pin 5 connected	Pin 9 & Pin 5 disconnected	Utility failure