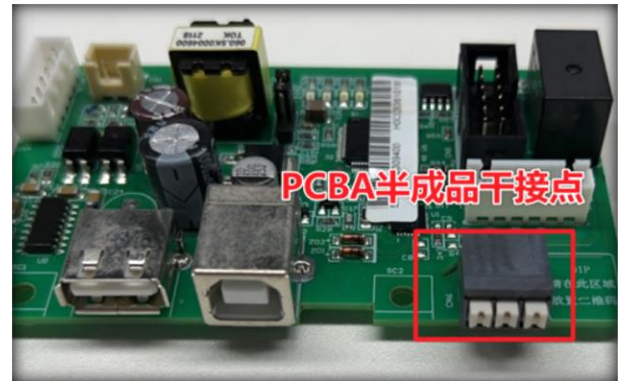
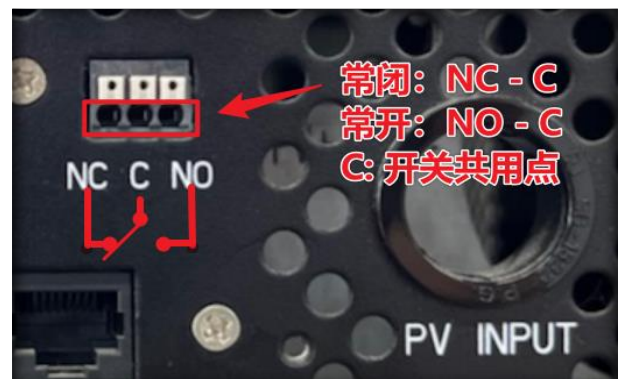
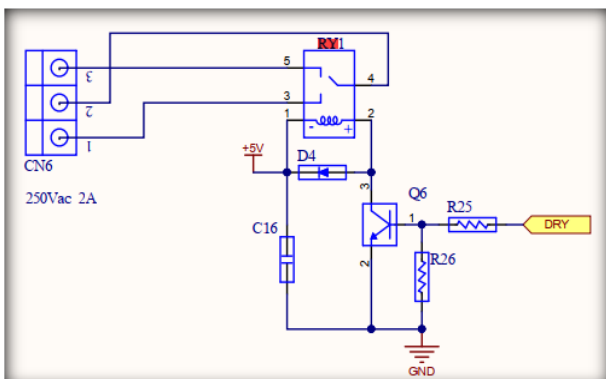


Dry Contact Function Introduction

1. Location: The dry contact is located on the machine communication board, close to the USB interface, as shown in the figure below:



1. Definition: The dry contact is the output terminal of the DC relay on the communication board. It is a two-position switch with a common terminal. It can not only connect the generator start-up signal, but also be used as a low-power switch (specification 250Vac 3A). The schematic diagram is as follows:



1. The dry contact status of the equipment in various operating modes is shown in the following table:

Model	Device Status/Mode		Condition	Dry Contact		
				NC	C	NO
High Frequency	Off State		/	Short Circuit State		
	On State	Utility Bypass Mode	/	Short Circuit		
		Utility First Mode	The battery voltage is lower than the low voltage alarm point		Short Circuit	
			The battery voltage is higher than the 13 setting value or the battery charging reaches the float stage	Short Circuit		
		Battery First Mode	The battery voltage is lower than the 12 setting values		Short Circuit	
		PV first Mode	The battery voltage is higher than the 13 setting value or Battery charging reaches the float stage	Short Circuit		
Low Frequency	Off State		/	Short Circuit		
	Off State	Utility Bypass Mode	/	Short Circuit		
		Lead acid Mode	The battery voltage is lower than the 21 set shutdown voltage +2V		Short Circuit	
			Utility input	Short Circuit		
		Lithium-ion Mode	The battery voltage is lower than the battery SOC+5%		Short Circuit	
			Utility input	Short Circuit		

Note: The dry contacts of some old models are in trigger mode, not normally closed.