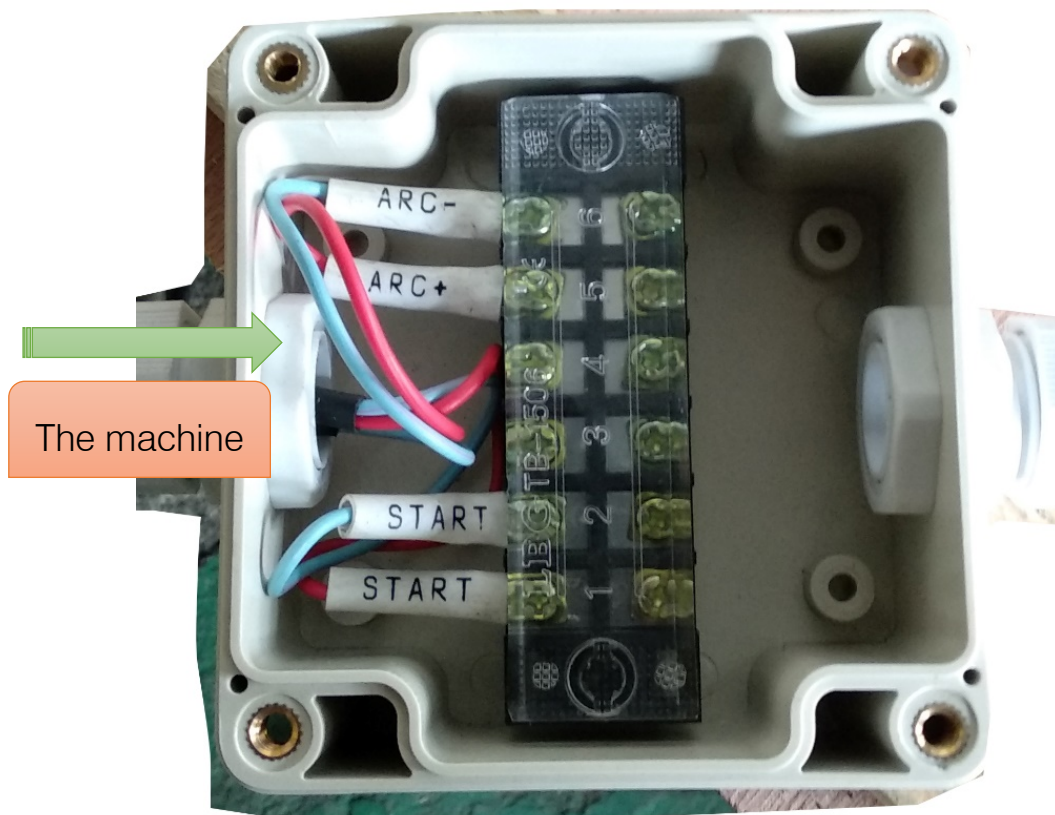


# Service Support Spirit

## How to connect Aricut60/105/120with Thunder X-PRO

- ◆ The Aricut60/105/120connect to Thunder X-PRO, 4 wires need to be connected.
- ◆ The Machine connect terminal:

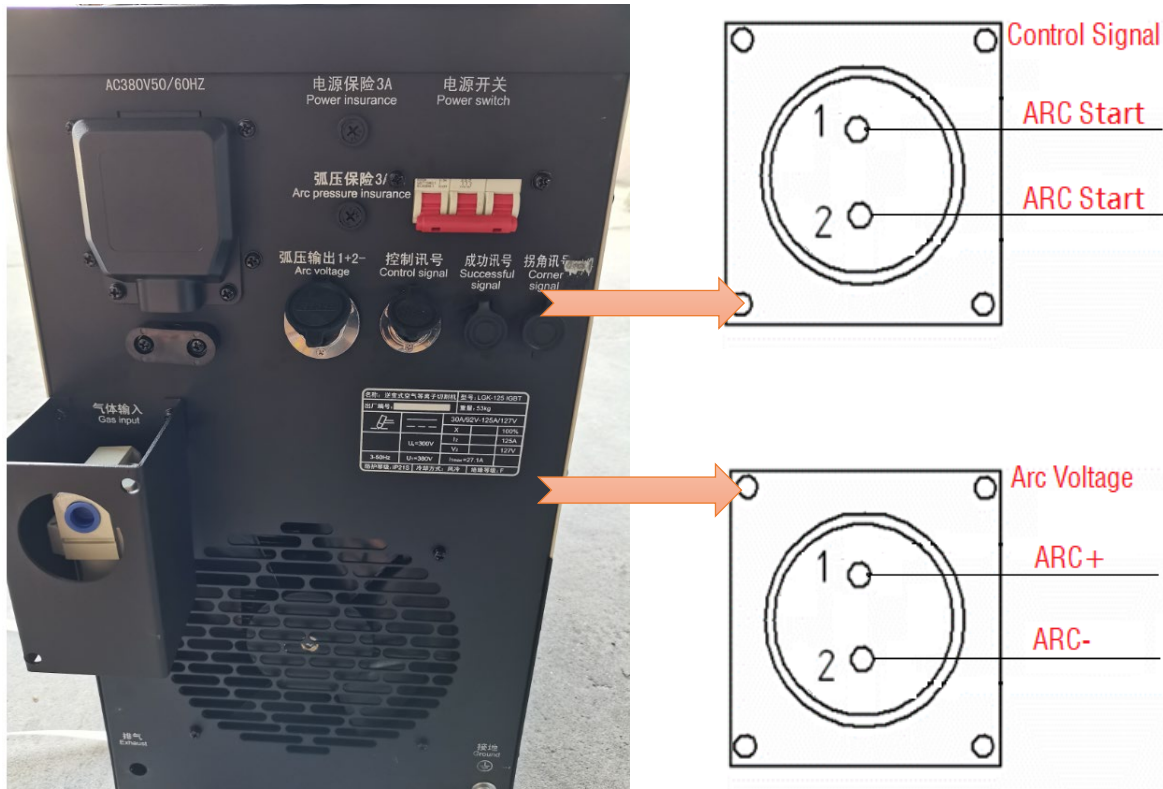
Machine	Aviation plug	Terminal No.	Description
Thunder X-PRO connect terminal	2-core	START	The CNC plasma arc initiation signal
		START	
	2-core	ARC+	The CNC arc voltage signal
		ARC-	



# Service Support Spirit

## ◆ Aricut60/105/120 Plasma connect terminal:

Note: The customer needs to connect the power cable according to the actual plasma models;



✦ Refer to the following table when connecting the Aricut60/105/120 to CNC controller with cable.

Signal	Type	Notes	Connector sockets
ARC Start	Input	The CNC plasma arc initiation signal	1Pin--Control signal
ARC Start			2Pin--Control signal
Successful Signal	Output	Normally open. Dry contact closure when the arc transfers.	1Pin--Successful Signal
			2Pin--Successful Signal
ARC+	Output	Divided arc signal of 1: 1	1Pin-- Arc Voltage
ARC-			2Pin--Arc Voltage

# Service Support Spirit

◆ Cable connecting method:

	Terminal No.	Corresponding interface of Aricut60/105/12	The interface position
Thunder X-PRO connect terminal	START	1Pin--Control signal	Aricut60/105/12 Interface
	START	2Pin--Control signal	
	ARC+	1Pin-- Arc Voltage	
	ARC-	2Pin--Arc Voltage	

◆ Connect the machine to the plasma signal with terminal blocks:

