

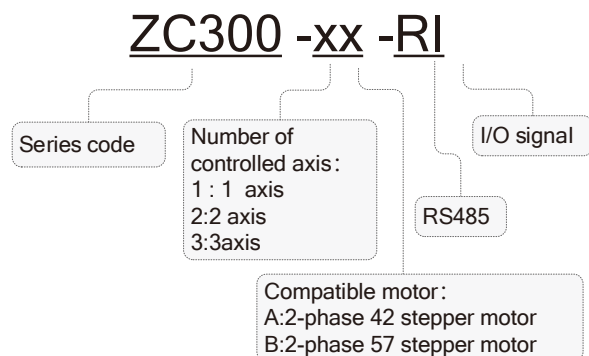
ZC300 Series Controllers



Description:

ZC300 series controller is a new generation of 1 to 3 axis point to point position control system launched by Zolix. Built-in motor driver with excellent drive performance, friendly user-interface, multiple functional parameters, modbus communication protocol control instructions, making the system integration more simple and efficient.

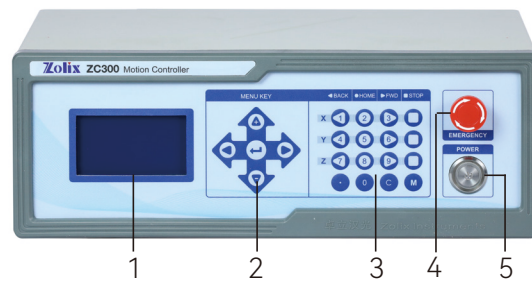
Naming rules:



Main specifications:

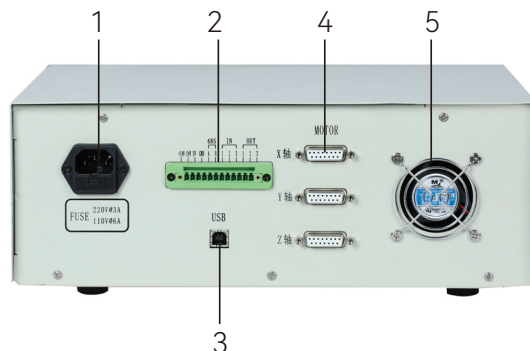
Basic function	
Number of controlled axis	1 ~ 3 axis
Output frequency range	15Hz~65KHz
Acceleration and deceleration mode	Trapezoidal acceleration and deceleration
Screen	LCD, 128×64
Communication interface	USB、RS485(optional)
Signal detection	Each axis has independent left and right limits and origin point detection signal sensor input ports
I/O input	3 optocoupler isolated inputs(optional)
I/O output	3 open collector optocoupler isolated output(optional)
Dimensions	344mm×329mm×134mm
Weight	≤6Kg
Usage environment	
Power supply	180 ~ 264VAC
Operation temperature	0℃ ~ 60℃
storage temperature	-20℃ ~ 80℃
Operation humidity	20% ~ 85%
Storage humidity	0% ~ 95%

Front panel



1. 128X64 lattice backlit, wide-angle LCD display
2. Menu control key
3. Motion control keys and numeric keys
C key is backspace and used for rewriting the input
M key is used to exit the menu interface
4. emergency stop key: used for emergency stop. Once pressed, all mobile stations stop moving
5. Power switch

Rear panel



1. Input power socket: Support 180 ~ 264VAC input
2. RS485 and IO ports: RS485 bus communication, with three inputs and three outputs(based on the actual configuration).
3. USB interface: Used to communicate with the computer.
4. Axis interface: Controller and cable interface(DB15 hole).
5. Fan: Used for heat dissipation. Do not shield it.