

Limit Switch Contact Development				
Rotor	Switch name	Contact	Valve position	
			Fully close 0	Fully open 100
Close    Open →	1KXX	(1A)-(1C)	—————	---
	2KXX	(3B)-(3C)	---	—————
Close    Open ←	1GXX	(2A)-(2C)	---	—————
	2GXX	(4B)-(4C)	—————	---

Note:    On    Off

#### SYMBOL DESCRIPTION:

◎      Terminals for wiring  
**KXX,GXX**    Open, Close Limit Switch (250VAC/15A)

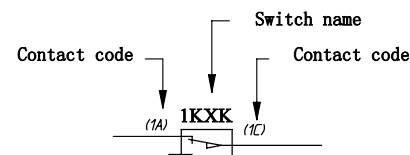
**THR**      Space heater ( 220VAC)  
**MTH**      Temperature Protection Switch in Motor Winding  
**U**      1k $\Omega$  potentiometer  
 (Resistance between (2) and (3) increases when the valve is moving towards opening)

**OC,CC**    Open, Close Contact  
**KA,GA,GA**    Open, close, stop rotate button  
**TH**      Thermal overload relay  
**FUSE**      Fuse in control circuit

} Provide for oneself

Limit switches in the diagram show that the valve is in the intermediate position. Torque switches show that the output torque is less than the setting torque.

Terminal number	Color	(Abbr of WG2) Wire number
B7	BK	2
Abbr	Color	
WT	White	
RD	Red	
BU	Blue	
BN	Brown	
BK	Black	
GY	Gray	



## WIRING DIAGRAM CE411-3B

8100 Series standard actuator (Three-Phase motor)