

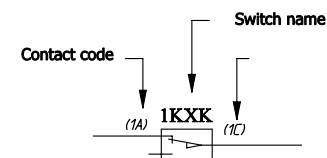
Limit switches in the diagram show that the valve is in the intermediate position. Torque switches show that the output torque is less than the setting torque.

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	

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)
KZK?GZK	Open,Close Torque Switch (250VAC/15A)
THR	Space heater (220VAC)
MTH	Temperature Protection Switch in Motor Winding
U	560 Ω potententionmeter (Resistance between (2) and (3) increases when the valve is moving towards opening)
XK	Open, close, stop switch
FUSE	Fuse in control circuit
	Provide for oneself



WIRING DIAGRAM CE413-1B

810 Series standard actuator(Single-Phase motor)