












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.

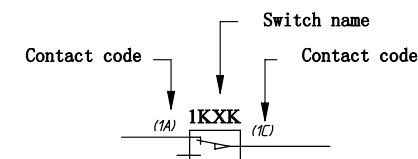
Terminal number Color (Abbr. of WG2) Wire number

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 →	1KXK	(1A)-(1C)			
	2KXK	(3B)-(3C)			
Close Open ←	1GXK	(2A)-(2C)			
	2GXK	(4B)-(4C)			
Note:  On  Off					

SYMBOL DESCRIPTION:

◎	Terminals for wiring	
KXK,GXK	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	560Ω potentiometer (Resistance between (2) and (3) increases when the valve is moving towards opening)	
OC,CC	Open,Close Contact	} Provide for oneself
KA,GA,GA	Open, close, stop rotate button	
TH	Thermal overload relay	
FUSE	Fuse incontrol circuit	



WIRING DIAGRAM CE411-1E

810 Series standard actuator (Three-Phase motor)