Sample program of star-delta(Y - Δ) starter asynchronous motor starting method

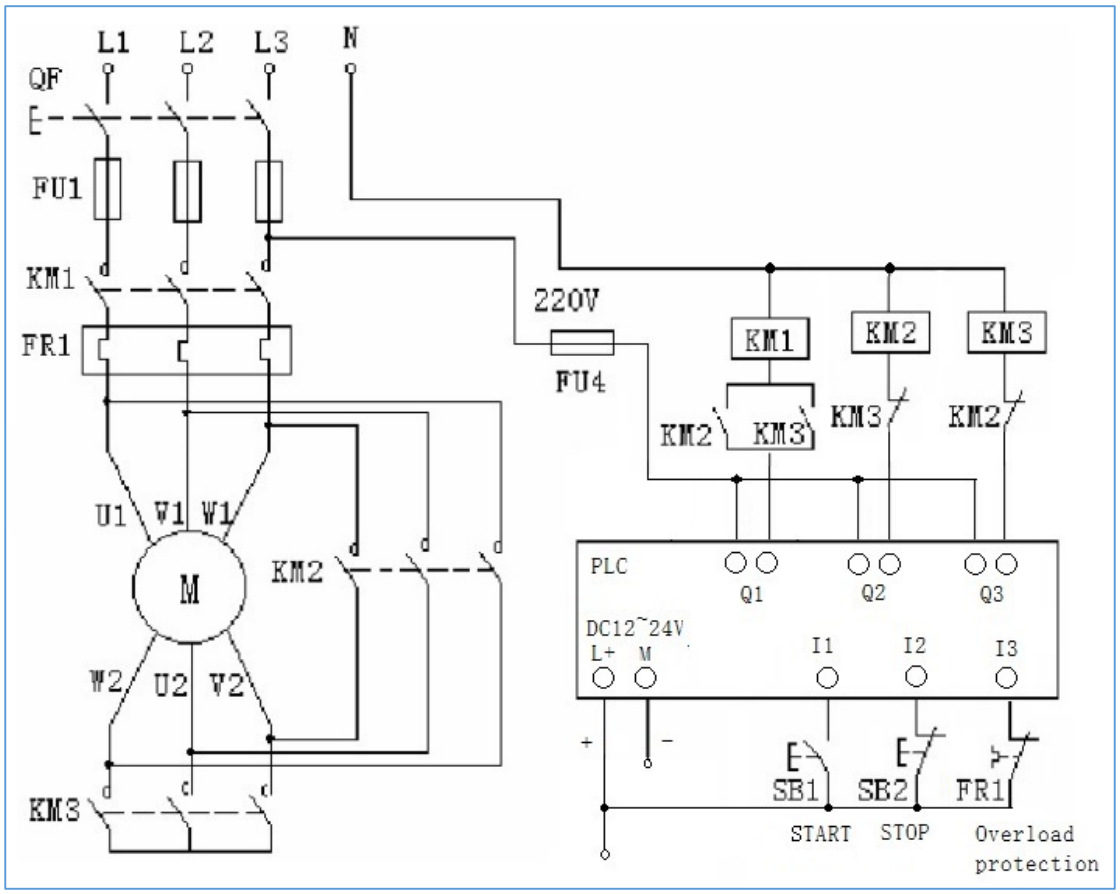
Control requirements

Press the start button, the motor M starts in the star mode first, after 6s, the control loop automatically switches to the delta connection, and the motor M runs in the delta mode.

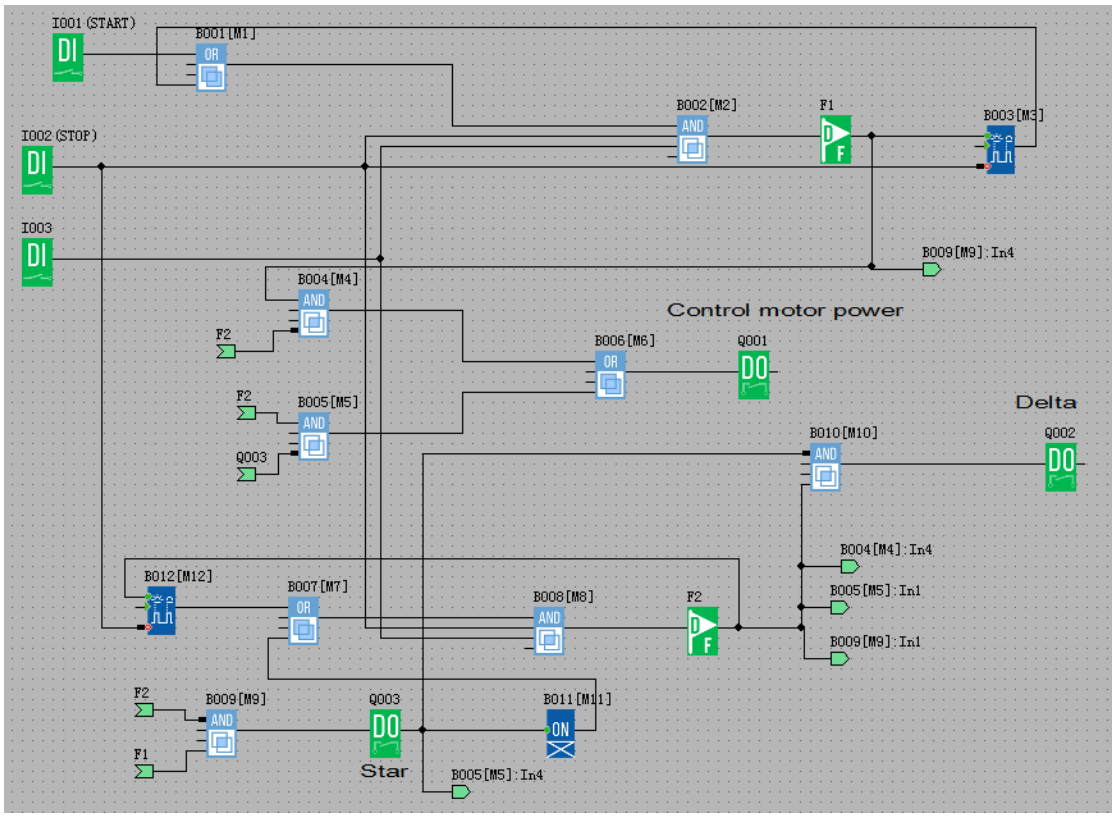
I/O allocation

Input			Output		
component	function	address	component	function	address
Button SB1	start up	I1	KM1	Control motor power	Q1
Button SB2	stop	I2	KM2	Control motor delta operation	Q2
FR1	Overload protection	I3	KM3	Control motor star operation	Q3

Wiring diagram



xLgic program:



xLadder program:

