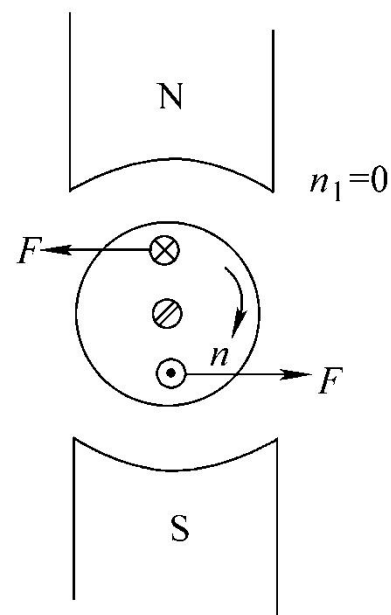
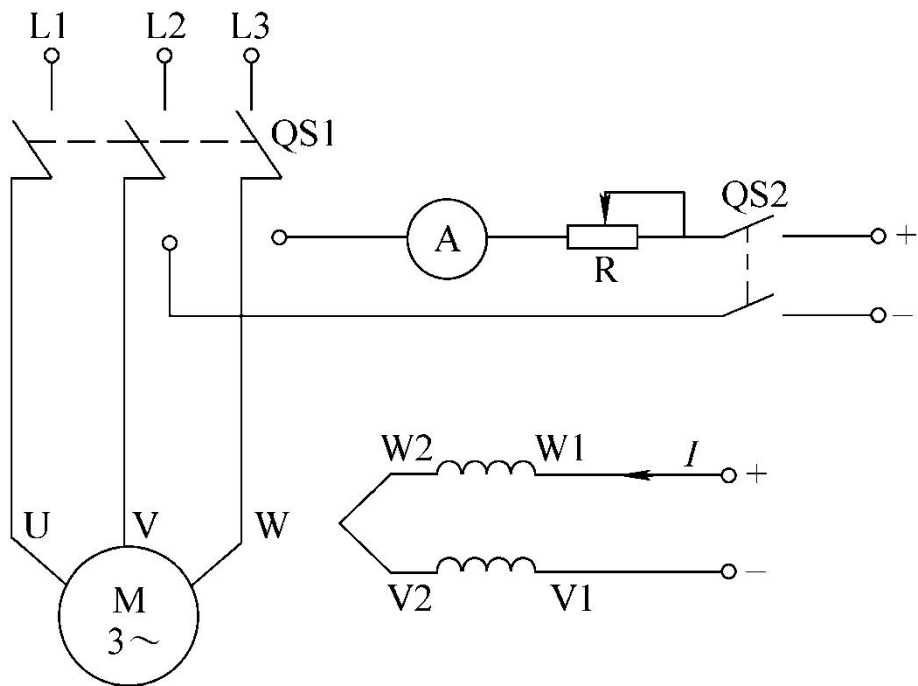


能耗制动控制电路

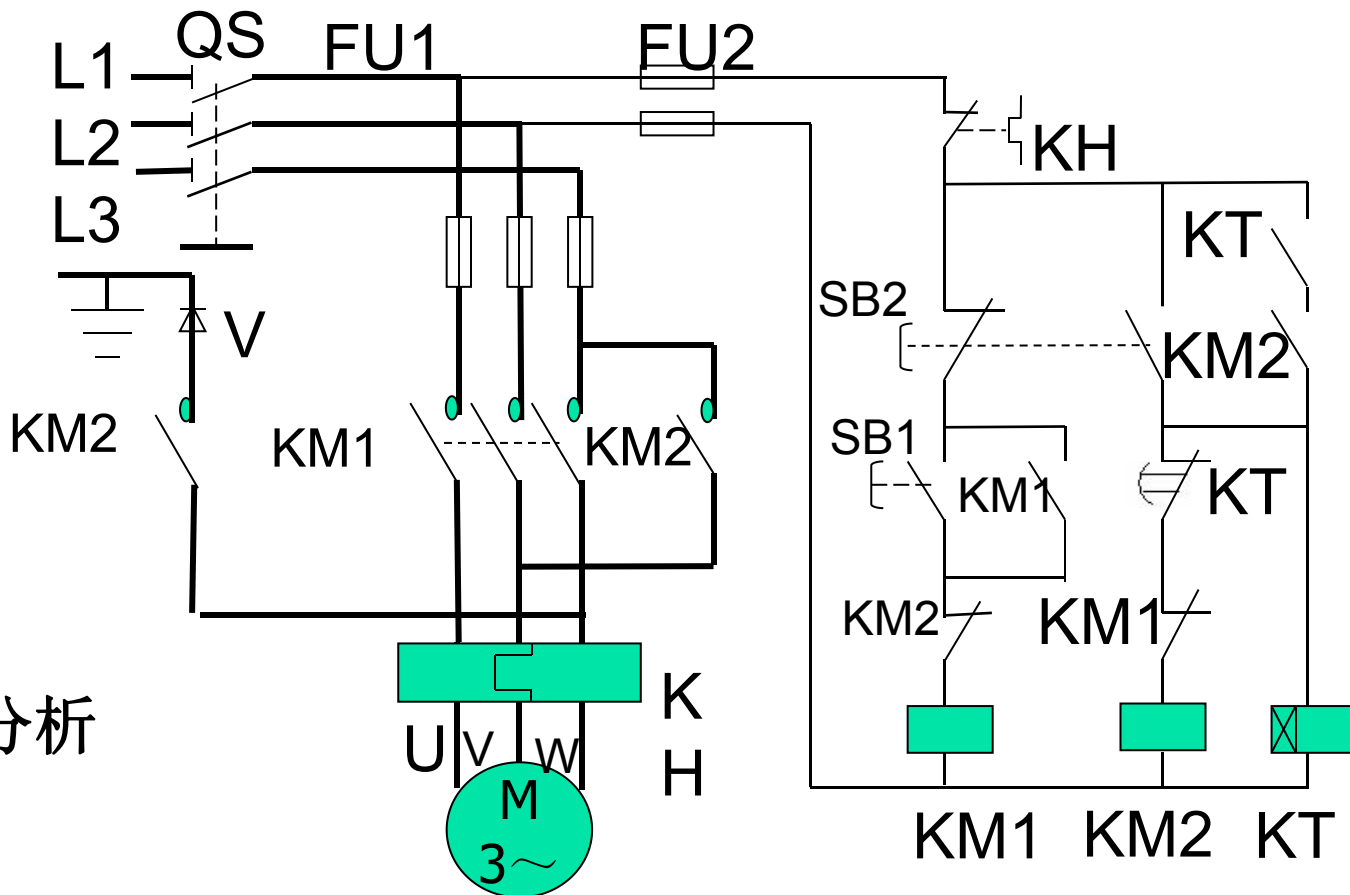
能耗制动原理

电动机切断交流电源后，立即在定子线组的任意两相中通入直流电，利用转子感应电流受静止磁场的作用以达到制动目的。



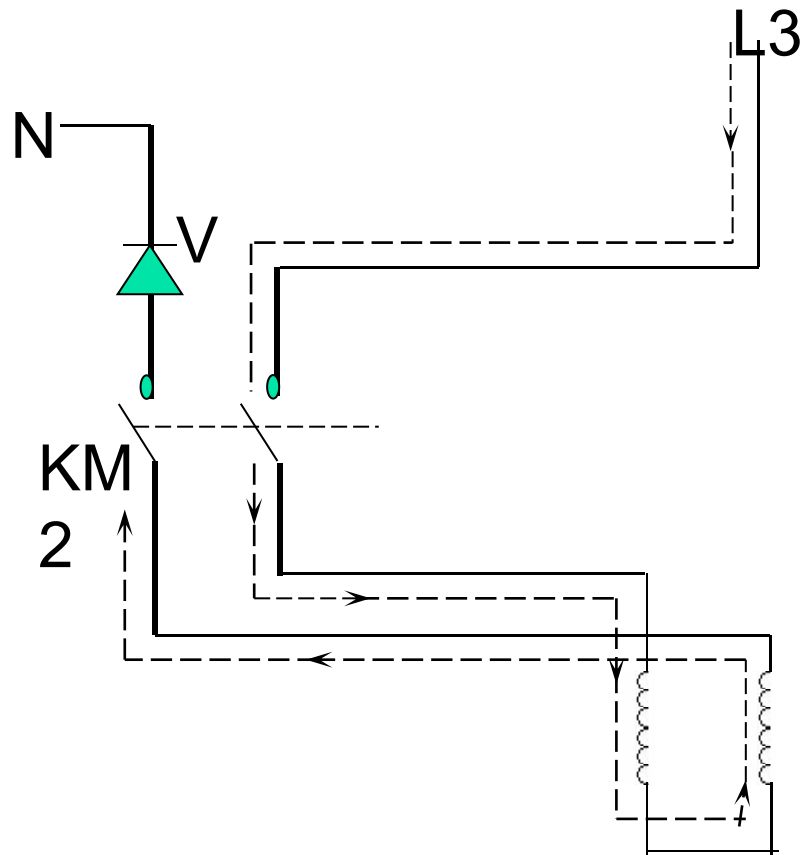
单向启动能耗制动自动控制线路

1. 无变压器单相半波整流单向启动能耗制动自动控制线路

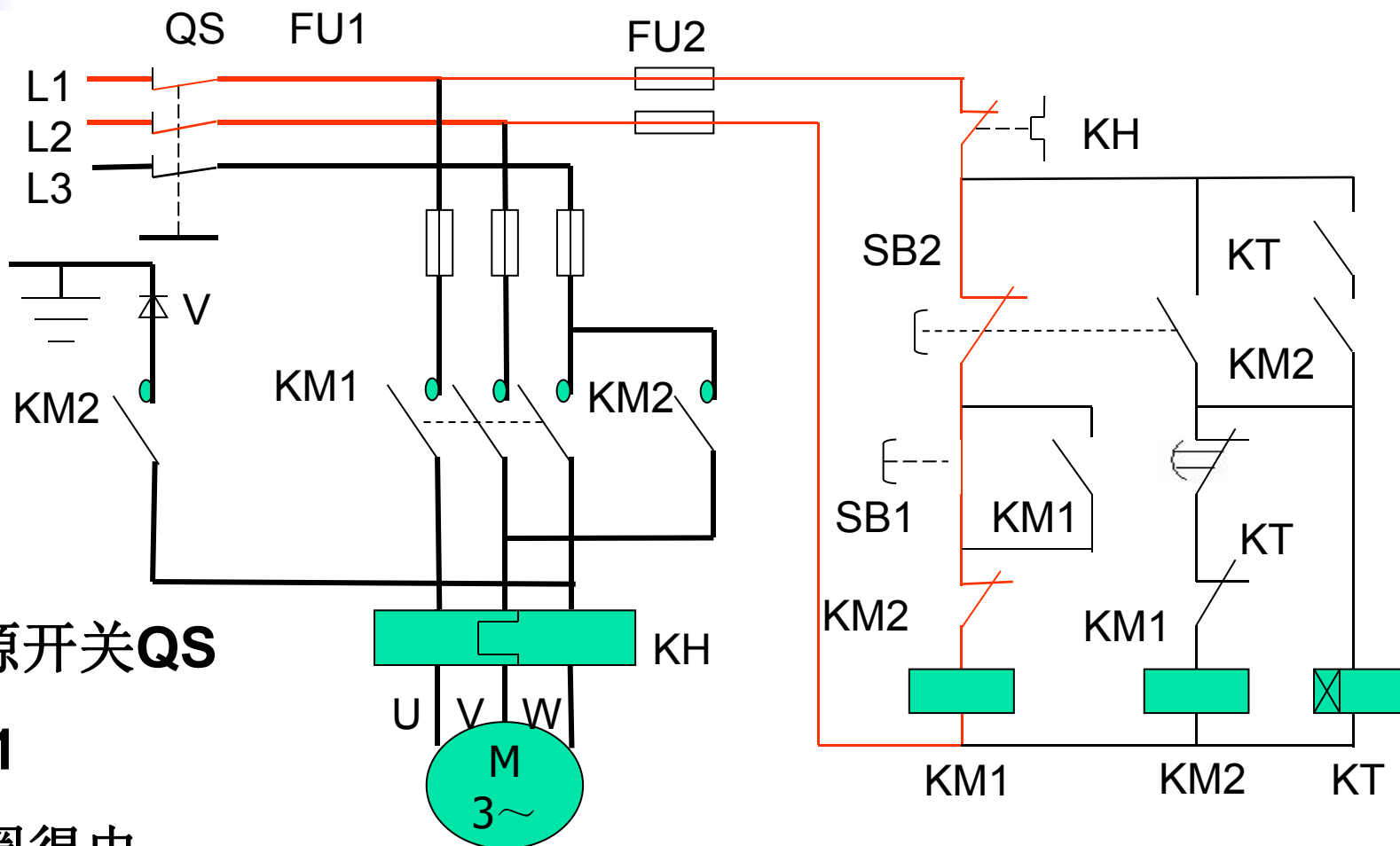


电路组成分析

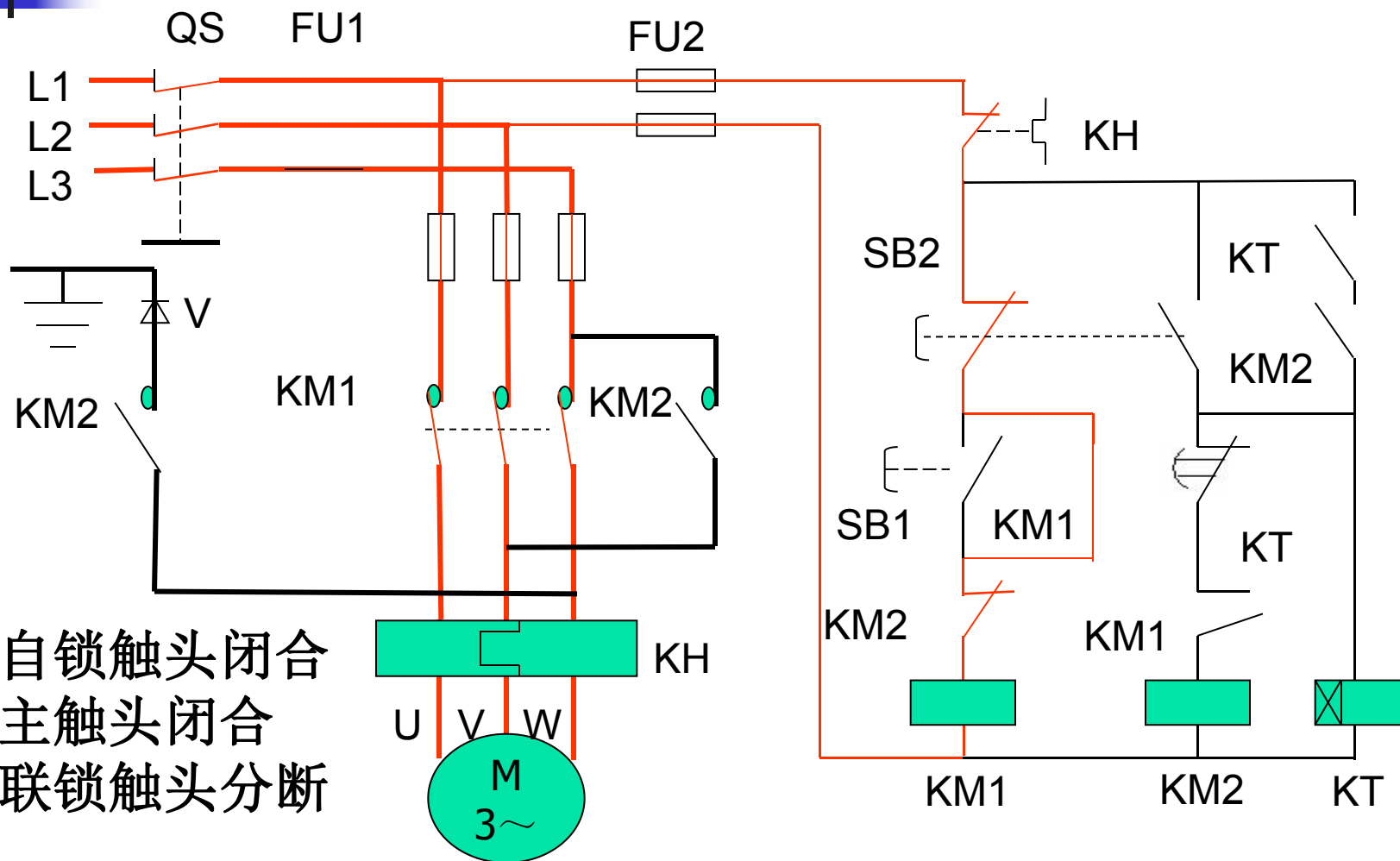
定子绕组直流电通路



能耗制动控制线路

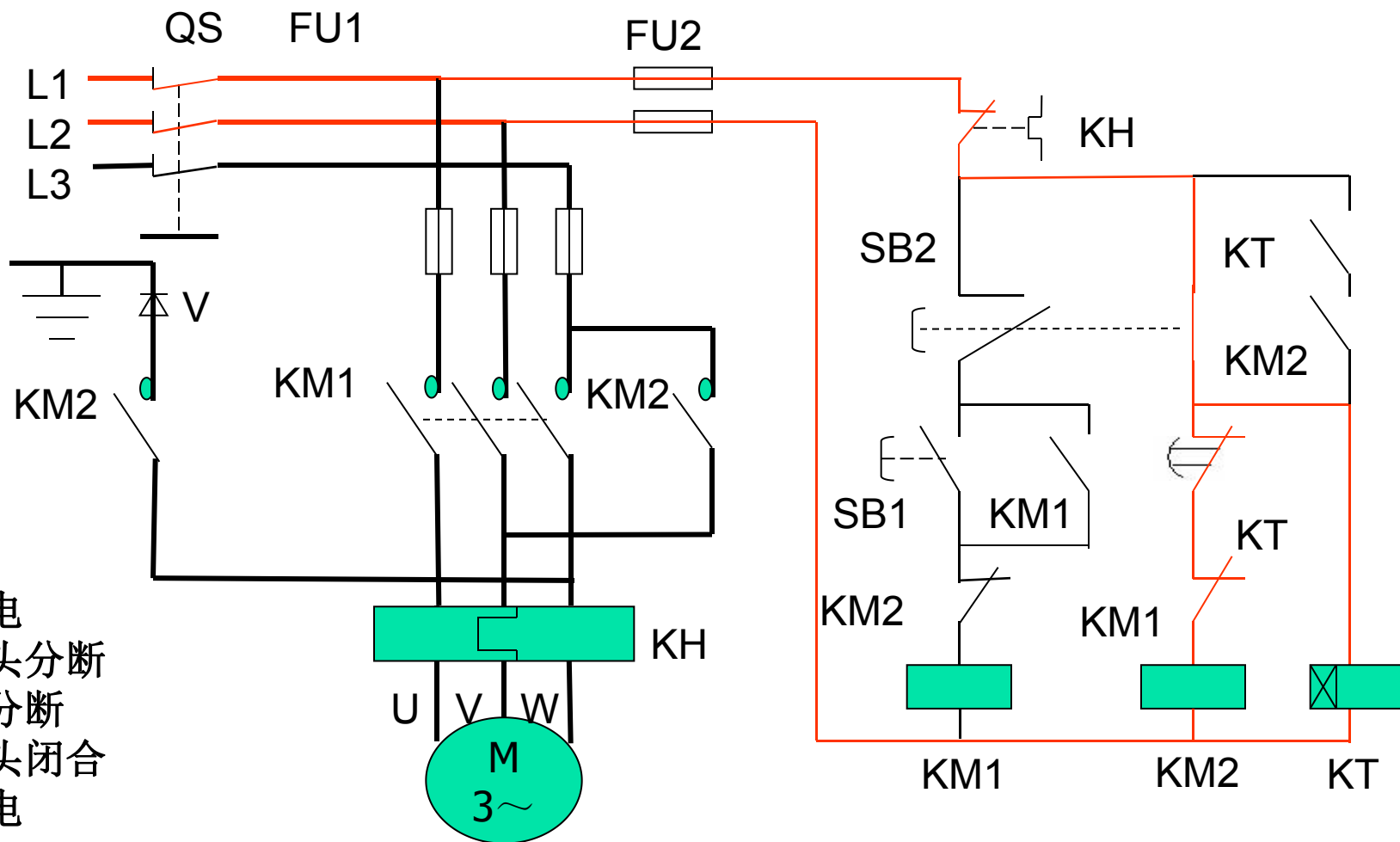


能耗制动控制线路



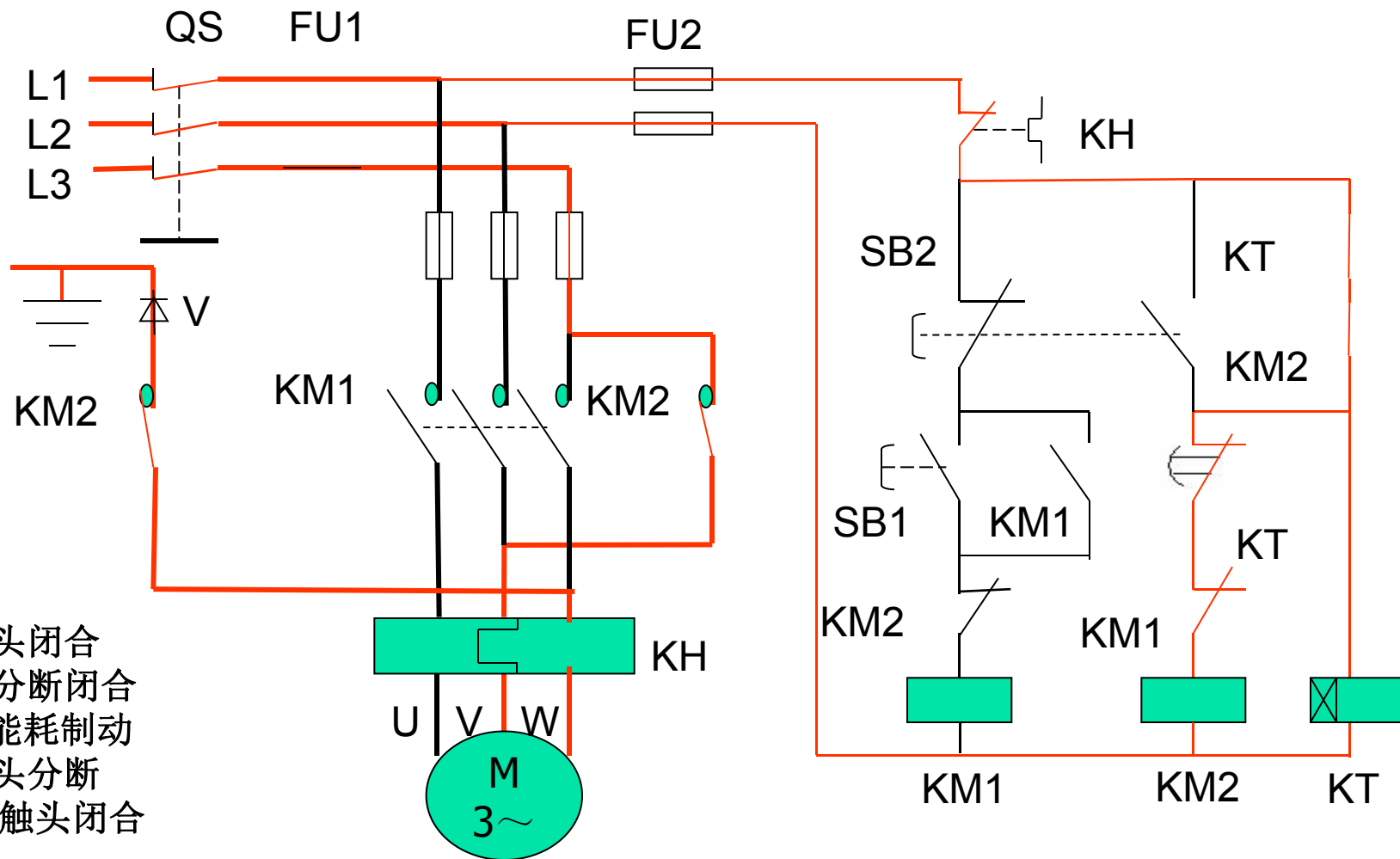
KM1自锁触头闭合
KM1主触头闭合
KM1联锁触头分断

能耗制动控制线路



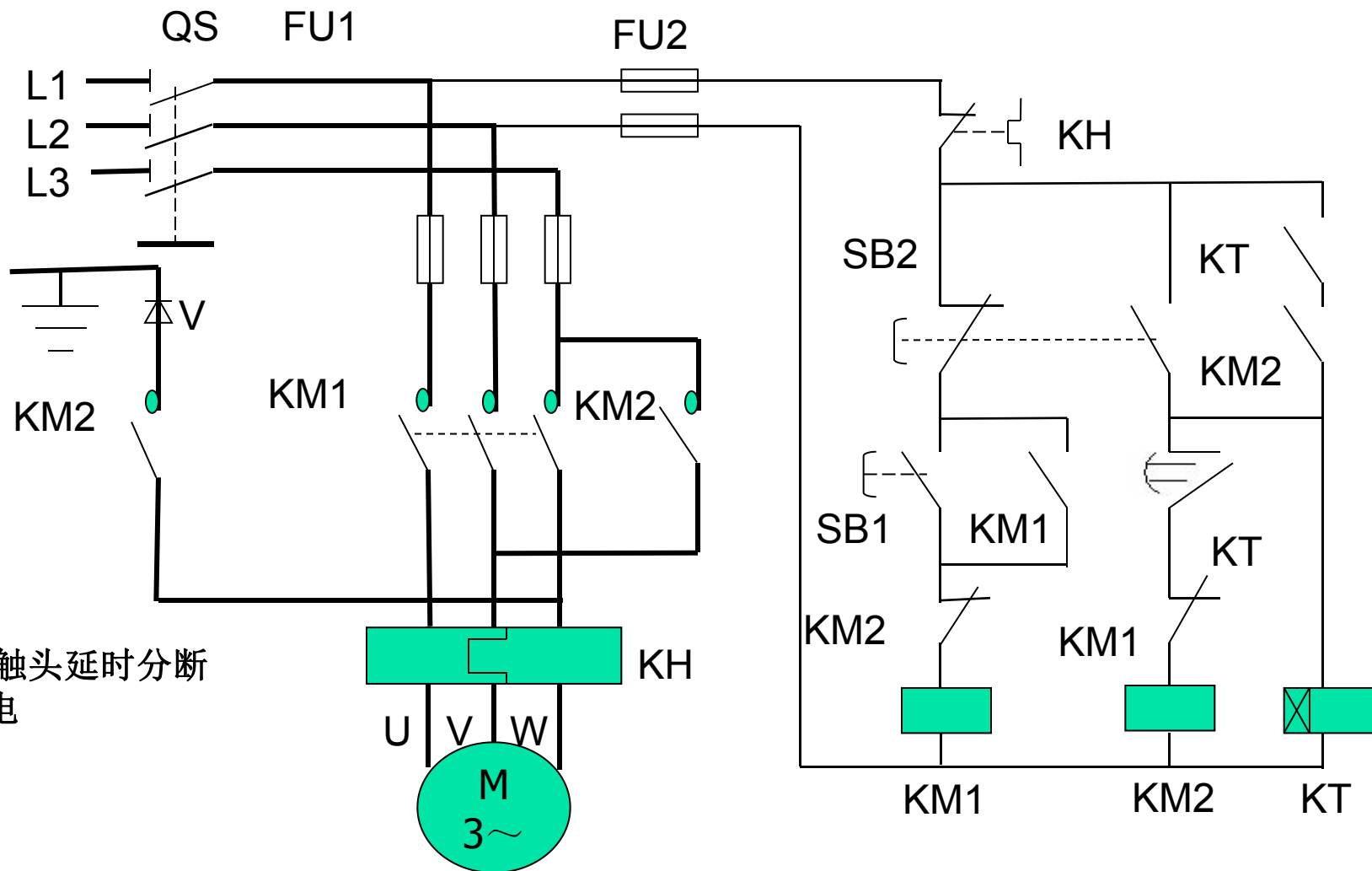
按下**SB2**
KM1线圈失电
KM1自锁触头分断
KM1主触头分断
KM1联锁触头闭合
KM2线圈得电
KT线圈得电

能耗制动控制线路



KM2自锁触头闭合
KM2主触头分断闭合
 电动机半波能耗制动
KM2联锁触头分断
KT瞬时闭合触头闭合
 松开**SB2**

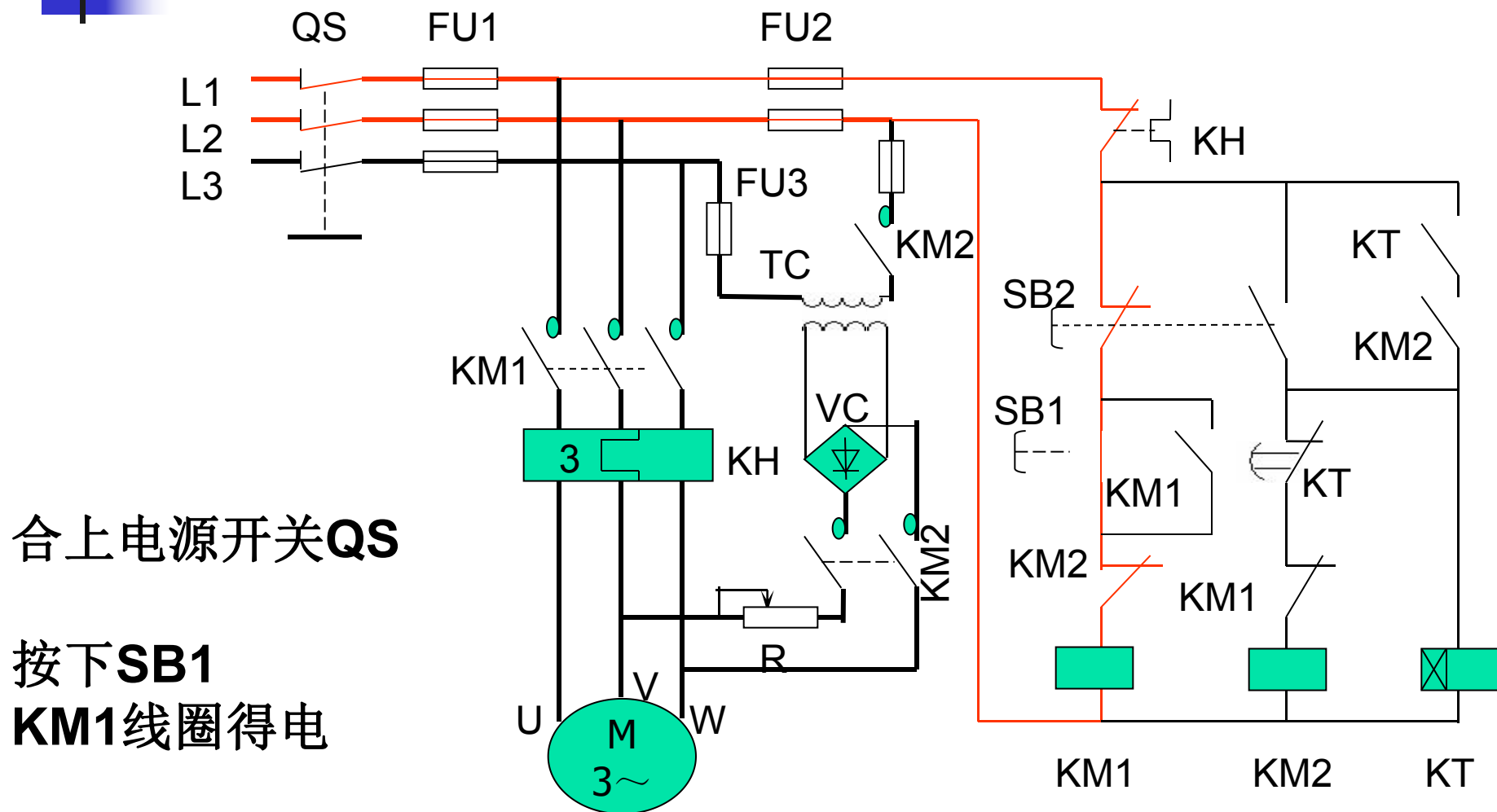
能耗制动控制线路



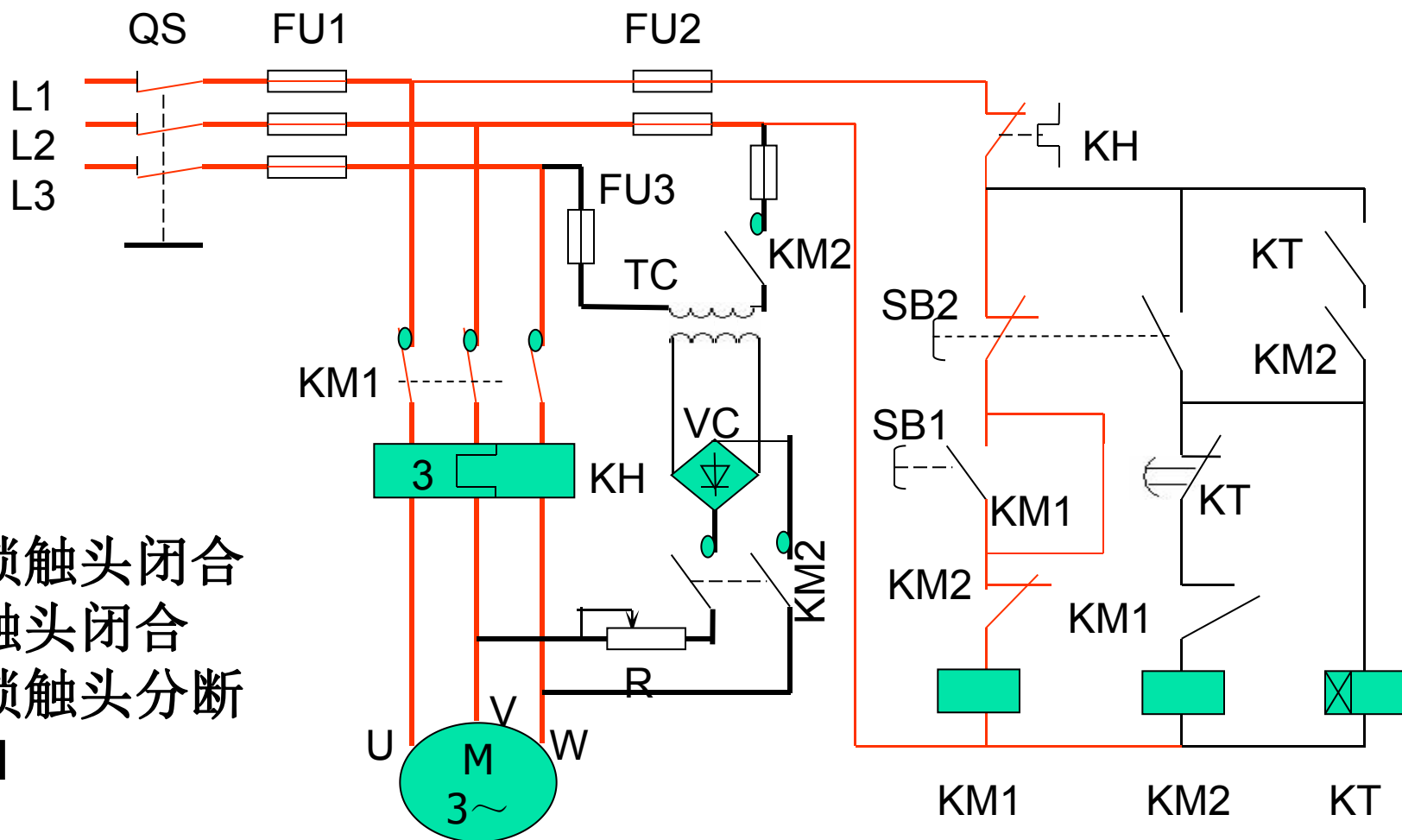
KT延时断开触头延时分断
 KM2线圈失电
 KT线圈失电
 各触头复位



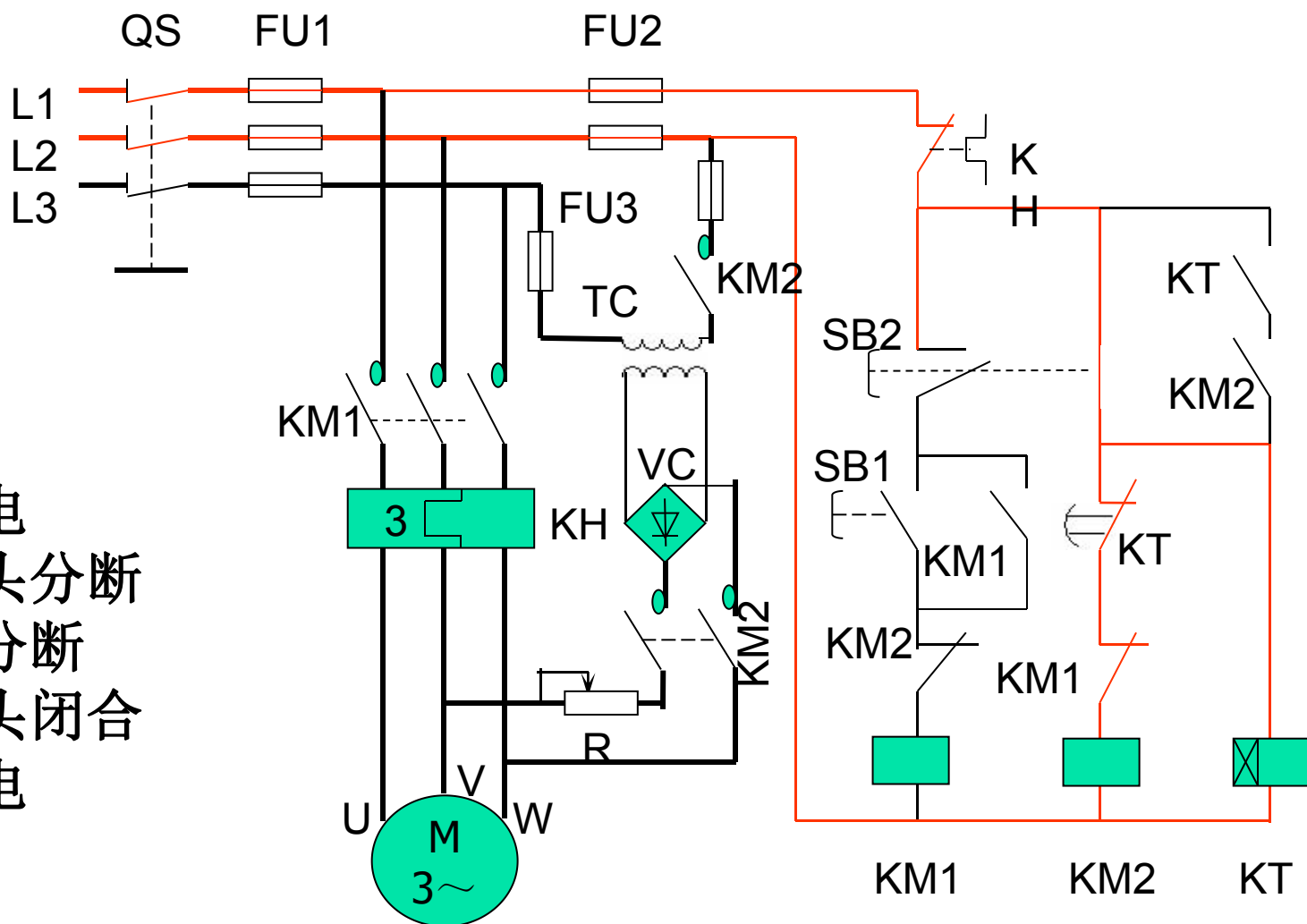
有变压器桥式整流能耗制动控制线路



有变压器桥式整流能耗制动控制线路



有变压器桥式整流能耗制动控制线路



按下**SB1**

KM1线圈失电

KM1自锁触头分断

KM1主触头分断

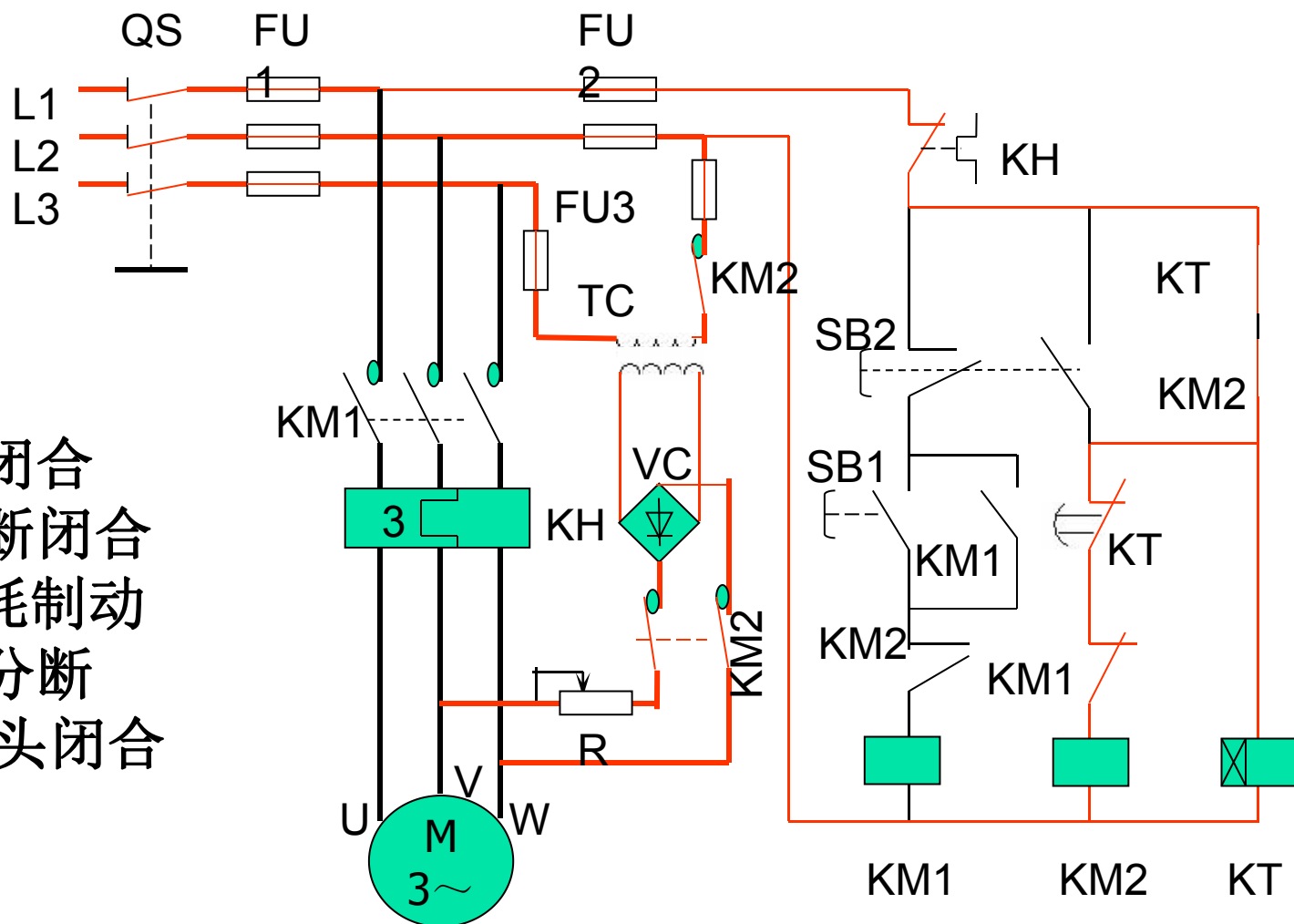
KM1联锁触头闭合

KM2线圈得电

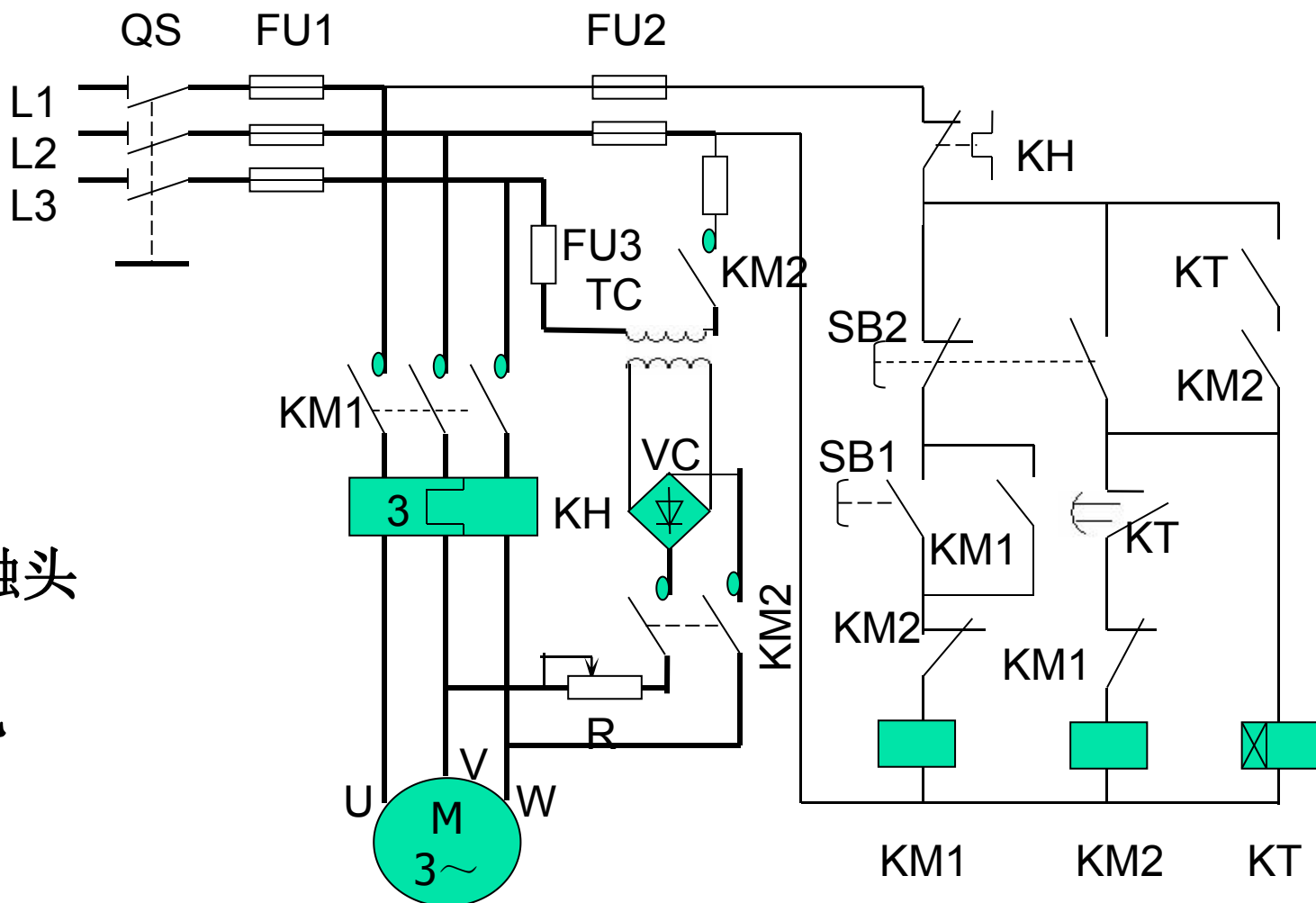
KT线圈得电

有变压器桥式整流能耗制动控制线路

KM2自锁触头闭合
KM2主触头分断闭合
电动机半波能耗制动
KM2联锁触头分断
KT瞬时闭合触头闭合
松开**SB1**



有变压器桥式整流能耗制动控制线路



KT延时断开触头
延时分断
KM2线圈失电
KT线圈失电
各触头复位