

2. Add a double pole Jog button to the circuit of the control relay and test the circuit.

Note: Do not connect the supply until the teacher has checked your circuit

Attempt 1	Attempt 2	Teacher assist
10 marks	5 marks	0 marks

3. What is the purpose of the contact CR1.1 connected in parallel with S4? (2 marks)

4. What type of timer is shown in the circuit? (1 mark)

5. Explain the purpose of the N/C contact “B-1” in the circuit (2 marks)

6. If the timer fails to energise what will be the effect on the circuit (2 marks)

7. What do pushbuttons S1, S2, S3 & S4 form? (1 mark)

8. When the timer is de-energised after having been energised, explain how the timer contact will react. (2 marks)

