EXAMINATION : AUTHORISATION B

May 2015

Prac	etical Test	Time Allowed -	1Hr
	e & Surnameock letters)	Index No	
You are	e required to analyse the wiring diagrams of the motor	starter shown in Fig. 1 and Fig	g. 2 for a 10kW AC
1.	Explain in steps how the control and power circuits fur is pressed and then released. Note that relay K1T is a	unction when the ON button on ON-Delay relay timer.	(16 marks)
2.	What is the type of motor starter shown?		(2 marks)
3,	What is the special requirement of the motor in this c	ase?	(2 marks)
4.	What is the biggest consideration to make about the rand the motor load when using this type of starter?	elationship between torque	(3 marks)
5.	What occurs when the OFF button is pressed?		(2 marks)
	. What is the type of protection given by F2, and state	how you size F2?	(2 marks)
	. What modern way of starting has superseded the typ		(3 marks)
8	3. You are required to modify the control circuit of Fig i. An emergency stop pushbutton ii. A remote start and stop iii. Indicator lamps for stopped, running		(10 marks)

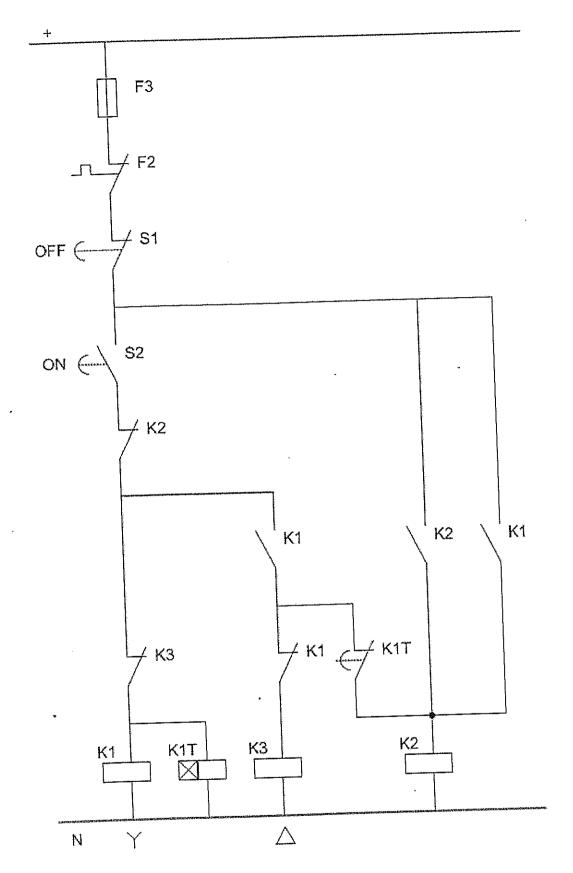
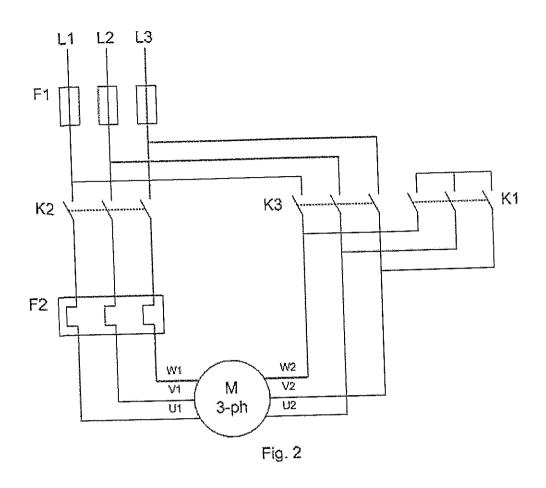


Fig. 1



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EXAMINATION: AUTHORISATION B

May 2015 Time Allowed - 1Hr

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EXAMINATION: AUTHORISATION B

May 2015

Practical Test	Time Allowed - 1Hr	
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