

0714 554B**ELECTRONICS TECHNICIAN LEVEL 6****ENG/OS/ET/CR/03/6/B****Install electrical machine control systems****July/August 2025**

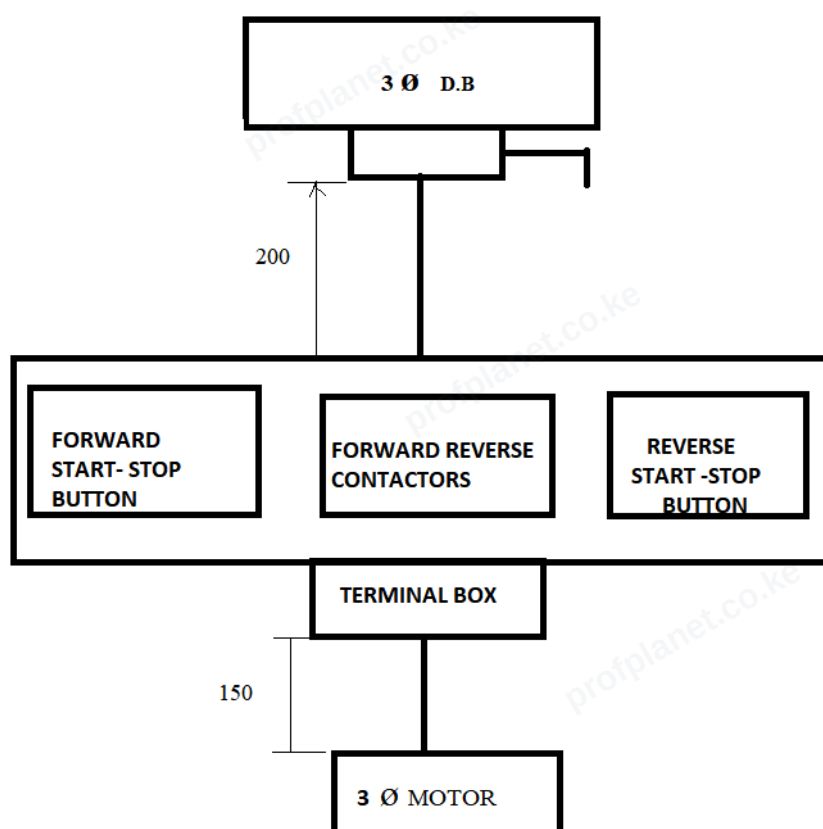
**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION
COUNCIL (TVET CDACC)**

CU IST

S/NO	ITEMS	QUANTITY (per candidate)	PROVIDED BY
Materials for pre- installation			
1.	3-phase distribution board	1pc	institution
2.	3- phase isolator	1pc	
3.	3-phase induction motor	1pc	
4.	2.5mm ² PVC sheathed cable TWE	1 m	
5.	2.5mm ² PVC insulated singles cable, Black	1 m	
6.	2.5mm ² PVC insulated singles cable, Red	2m	
7.	2.5mm ² PVC insulated singles cable, yellow-green	1 m	
8.	1.5mm ² PVC insulated singles cable, Red	2 m	
9.	PVC flexible conduit	1 m	
10.	Gypsum screws $\frac{3}{4}$	enough	
11.	10mm/12mm cable clips	enough	

12.	Contactors	3
13.	Contactors rails	½ m
14.	Start-stop button	2 pcs
15.	Indicator lamp stop (red)	1pc
16.	Indicator lamp start (green)	1pc
17.	Indicator lamp run (yellow)	1 pc
18.	Multimeter	1pc

Figure 1: Pre-install the following layout of three phase induction motor starter



071306T4ELC

ELECTRONICS ENGINEERING LEVEL 6

ENG/OS/ET/CC/05/6

Prepare and Interpret Technical Drawing

July/August 2025



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CUTTING LIST

S/NO	ITEMS	QUANTITY per candidate)	PROVIDED BY
1.	Computer with CAD software installed		Institution
2.	Printing papers size A4	2 sheets	
3.	Drawing paper size A2	2 sheets	
4.	Drawing room		
5.	Masking tape	shared	
6.	Printer	shared	
7.	Drawing board	1	Candidate
8.	T-square	1	
9.	HB and 2H/3H/4H Pencils	1	
10.	Set squares (30° and 60°)	1	

11.	30 cm ruler	1	
12.	Eraser	1	
13.	Sharpener	1	
14.	Engineering drawing set	1	