DROPBOXDRAUGHTSMAN Your Engineerng Design Partner Phone No.: +254795474704 DROPBOX DRAUGHTSMAN Your Engineering Design Partner Email: dropboxdraughtsman@gmail.com **⇔** CLIENT MULTIMEDIA UNIVERSITY ⇔ PROJECT LEVEL CONTROL PROJECT **⇔** BOARD DESCRIPTION MAN/AUTO LEVEL CONTROL PANEL DDMMU/002/2025 **◇ DRAWING NUMBER APPROVAL ⇔** REVISION DROPBOX DRAUGHTSMAN Title page / cover sheet MULTIMEDIA UNIVERSITY LEVEL CONTROL PROJECT MAN/AUTO LEVEL CONTROL PANEL Your Engineering Design Partner

DROPBOX DRAUGHTSMAN

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MANUFACTURING STANDARD	KS IEC 61439-2		
VOLTAGE PROTECTION			
RATED VOLTAGE (Un)	415 V		
RATED IMPULSE WITHSTAND VOLTAGE (Uimp)	6 kV		
RATED INSULATION VOLTAGE (Ui)	500 V		
CONTROL VOLTAGE	240 V		
RATED OPERATIONAL VOLTAGE (Ue)	240 V		
CURRENT PROTECTION			
RATED CURRENT (Ina)	10 A		
RATED PEAK WITHSTAND CURRENT (Ipk)	6 kA		
RATED CONDITIONAL SHORT-CIRCUIT CURRENT (Icc)	6 kA		
RATED SHORT-TIME WITHSTAND CURRENT (Icw)	6 kA/1 sec		
RATED DIVERSITY FACTOR (RDF)	0.8		
NATURE OF SHORT CIRCUIT PROTECTIVE DEVICE	CIRCUIT BREAKER		
MECHANICAL			
PAINT COLOUR	RAL 7035		
DIMENSIONS (L x D x H)	400 x 300 x 200 mm		
	6 KGS		
WEIGHT (kgs)	1		
WEIGHT (kgs) FORM OF SEPARATION			
· · · · · · · · · · · · · · · · · · ·	воттом/ воттом		
FORM OF SEPARATION	BOTTOM/ BOTTOM FFF		
FORM OF SEPARATION CABLE ENTRY/EXIT			
FORM OF SEPARATION CABLE ENTRY/EXIT ELECTRICAL CONNECTION OF FUNCTIONAL UNITS	FFF		

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TYPE OF EARTH	TN-S
RATED FREQUENCY (fn)	50 Hz
LINE TO NEUTRAL VOLTAGE	240 V
OCATION	
COUNTRY OF DESTINATION	KENYA
INDOOR/OUTDOOR	INDOOR
DEGREE OF PROTECTION	IP 65
PORTABILITY	STATIONARY
EMC CLASSIFICATION	В
POLLUTION DEGREE	3
SPECIAL SERVICE CONDITIONS	
ROTECTION OF PERSONS	
PROTECTION AGAINST ELECTRIC SHOCK	BASIC - BARRIER OR ENCLOSURE REQUIRE KEY TO OPEN
INTENDED USE BY	INSTRUCTED
OPERATION BY	AUTHORIZED PERSONS

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POWER 415VAC - L1	RED	RD
POWER 415VAC - L2	YELLOW	YE
POWER 415VAC- L3	BLUE	BU
POWER 415VAC- N	BLACK	BL
EARTH PROTECTION	GREEN/YELLOW	GN/YE
AUX POWER 240VAC - L	RED	RD
AUX POWER 240VAC - N	BLACK	ВК
CONTROL 240VAC - L	GREY	GY
CONTROL 240VAC - N	BLACK	BL
CONTROL +24VDC	BLUE	BU
CONTROL -24VDC	BLACK	ВК
ANALOGUE SIGNALS+	VIOLET	VT
ANALOGUE SIGNALS-	YELLOW	YE
CONTROL CIRCUITS	1.0 mm ²	
CURRENT CIRCUITS	2.5 mm²	
VOLTAGE CIRCUITS	1.5 mm ²	

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CLIENT: MULTIMEDIA UNIVERSITY

PROJECT: LEVEL CONTROL PROJECT

BOARD: MAN/AUTO LEVEL CONTROL PANEL

Technical Specifications DRG No: DDMMU/002/2025

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=SLD/		General Arrangement	General Arrangement						
	D/6								
=CTL/		Single Line Drawings							
	·L/7	Water Pump Controls							
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		PROJECT:		BOARD:		TITLE:			







