

NOTES:

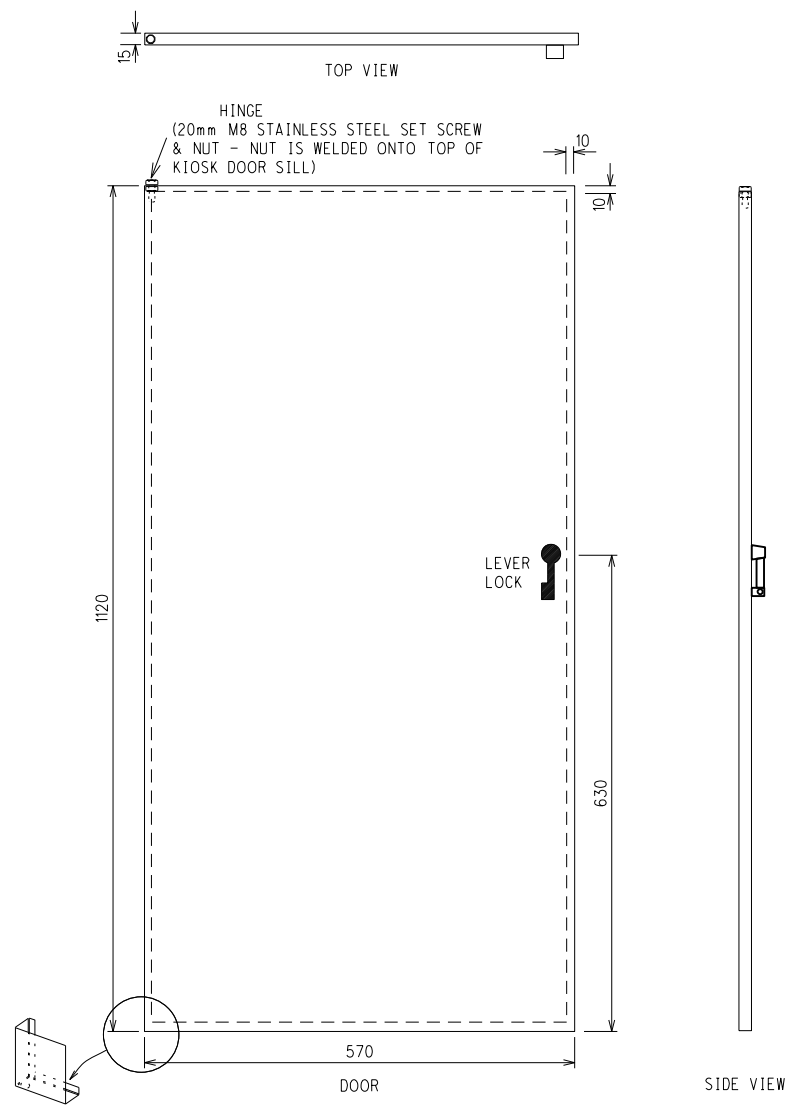
1. THE INNER PLATE SHALL HAVE 10mm BENDS ON ALL SIDES.
2. THE INNER PLATE SHALL BE POWDER COATED WITH A WHITE EPOXY-POLYESTER POWDER (SANS COLOUR CODE 69-0135)
3. THE DIN-RAIL SHALL BE FITTED BY STAINLESS STEEL SET SCREWS, NUTS AND SPRING WASHERS, SCREWS AND SPRING WASHERS, RIVETS OR SPOT WELDED.
4. THE INNER PLATE SHALL BE FITTED ONTO THE BOX BY MEANS OF FOUR M8 STAINLESS STEEL SET SCREWS, NUTS AND SPRING WASHERS.
5. STAINLESS STEEL OR BRASS SELF CLINCHING NUTS OR RIVET NUTS WITH AN M5 THREAD SIZE TOGETHER WITH M5 BRASS SET SCREWS SHALL BE INSTALLED ON THE HOLES USED FOR THE FITMENT OF THE ENERGIZERS, ISOLATION SWITCHES AND LIGHTNING DIVERTERS.
6. 40 MM WIDE TRUNKING SHALL BE INSTALLED ON BOTH SIDES FOR THE ROUTING OF THE WIRING AND HIGH VOLTAGE ARMoured CABLE.



REV	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

REV	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

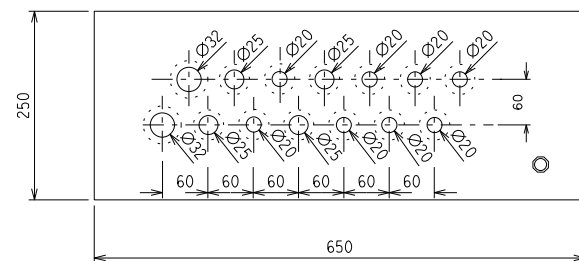
PROJECT APPROVED	DESIGN APPROVED	BY		CHKD	APP	DATE
DATE	DATE	19/07/2021				
PROJECT CHECKED	DESIGN CHECKED	C. V. REENEN		MANUFACTURING DETAIL OF TWO WAY ENERGISER KIOSK		
DATE	DATE	14/07/2021		INNER PLATE		
PROJECT DRAWN BY	DESIGN DRAWN BY	R. VILJOEN		SHEET NUMBER		
DATE	DATE	05/07/2021		REVISION		
SCALE 1:5				2		0



- NOTES:
1. A 3-WAY LEVER LOCK SHALL BE FITTED ON THE DOOR. ALL PARTS THEREOF SHALL BE OF STAINLESS STEEL.
 2. A STURDY DOOR STAY OF NON-FERROUS METAL SHALL BE FITTED TO THE DOOR.
 3. FOUR 5mm WATER DRAIN HOLES SHALL BE DRILLED INTO THE BOTTOM OF THE DOOR SILL.
 4. A STANDARD DANGER SIGN (SANS 1186) SHALL BE FITTED ON THE FRONT OF THE DOOR.

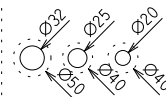
REV	REVISION TO MASTER			BY	CHKD	APP	DATE

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NOTE:


1. AN AREA SURROUNDING THE KNOCK-OUTS
(AS INDICATED BY THE DOTTED CIRCLES)
SHALL NOT BE POWDER COATED. THESE
SHALL BE LEFT AS BARE 3CR12.

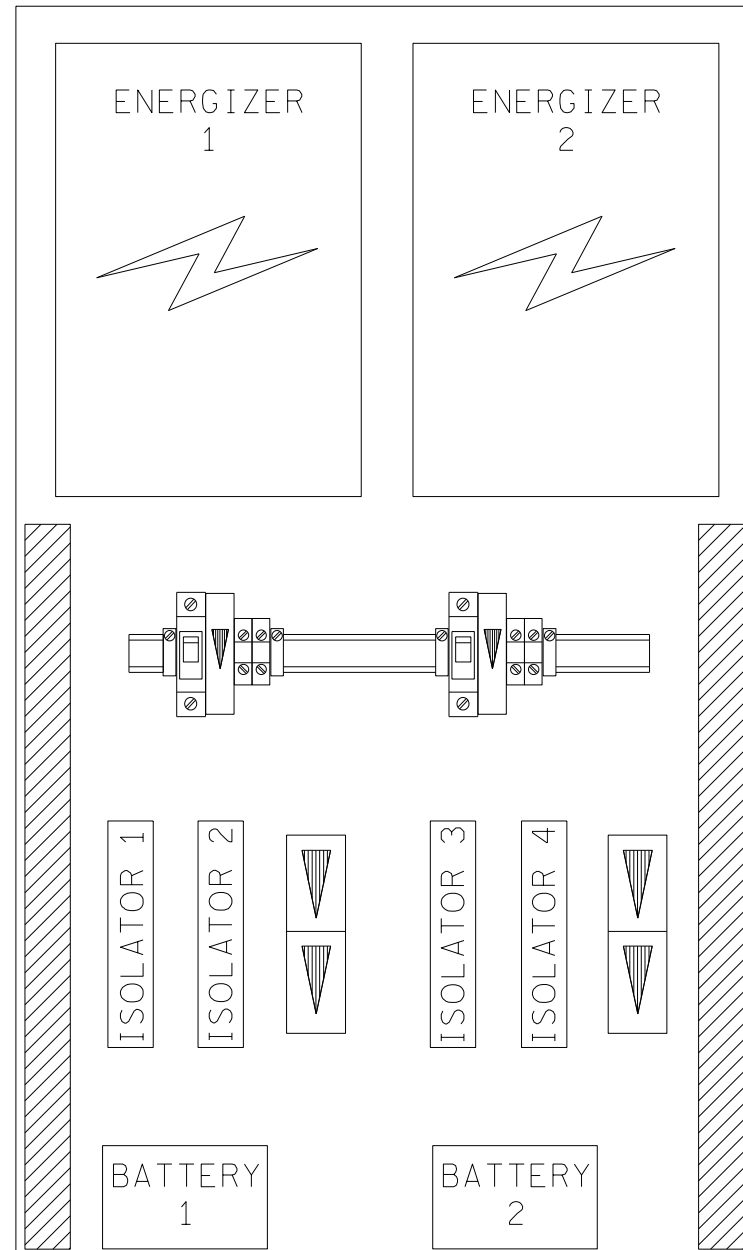




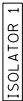





VIEW AS FROM FRONT AND INSIDE KIOSK

- NOTES:

1. THE GLAND PLATE WILL FORM PART OF THE KIOSK AND SHALL BE MANUFACTURED FROM 1.5mm THICK 3CR12
2. ALL OF THE HOLES SHALL BE FITTED WITH SQUARE KNOCK-OUTS AND SHALL BE WELDED ONTO THE BOTTOM OF THE KIOSK AT ONLY ONE CORNER.
3. THE EARTH STUD SHALL BE A 30mm M10 STAINLESS STEEL SET SCREW, NUT AND SPRING WASHERS WELDED ONTO THE GLAND PLATE.

REV	REVISION DESCRIPTION				BY	CHKD	APP	DATE	
PROJECT APPROVED		DESIGN APPROVED		 Eskom		Eskom Holdings SOC Ltd Reg No 2002/015527/30			
		R MOSHOESHOE							
DATE	DATE		19/07/2021						
PROJECT CHECKED		DESIGN CHECKED		MANUFACTURING DETAIL OF TWO WAY ENERGISER KIOSK GLAND PLATE					
		C. v REENEN							
DATE	DATE		14/07/2021						
PROJECT DRAWN BY		DESIGN DRAWN BY							
		R. VILJOEN		©					
DATE	DATE		05/07/2021						
SCALE 1:5				SHEET NUMBER		REVISION			
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LEGEND	DESCRIPTION	MAKE AND TYPE
	ENERGIZER PEAK VOLTAGE 7.5kV - 10kV ENERGY OUTPUT 5J - 8J	ESKOM APPROVED
	MINIATURE CIRCUIT BREAKER 230V, 5A	ESKOM APPROVED
	HEAVY DUTY CUT-OUT SWITCH	ESKOM APPROVED
	LIGHTNING DIVERTER DOUBLE POLE, MAXIMUM INTERNAL ARC OVER VOLTAGE OF 20kV	ESKOM APPROVED
	TERMINAL 35mm	ESKOM APPROVED
	END STOP	ESKOM APPROVED
	SURGE ARRESTOR: I _{max} (8/20ms) 40kA or 65kA (4/20ms) 275V (SINGLE POLE DIN) SANS IEC 61643-1	ESKOM APPROVED
	BACKUP BATTERY 12V, 7AH	ESKOM APPROVED

NOTES:

1. THE BATTERIES FOR THE BACKUP SUPPLY SHALL BE FITTED ON THE BOTTOM OF THE KIOSK.
2. A TRANSPARENT PLASTIC COVER SHALL BE INSTALLED OVER THE ISOLATION SWITCHES. OPERATING OF THE SWITCHES SHALL BE POSSIBLE WITHOUT REMOVING THE PLASTIC COVER.
3. THE SWITCHES SHALL SWITCH ONTO EARTH WHEN OPENED.

[illegible]

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PROJECT APPROVED	DESIGN APPROVED R MOSHOESHOE	 Eskom			Eskom Holdings SOC Ltd Reg No 2002/015527/30			
DATE	DATE 19/01/2021							
PROJECT CHECKED	DESIGN CHECKED C. v REENEN	MANUFACTURING DETAIL OF TWO WAY ENERGISER KIOSK EQUIPMENT OUTLAY						
DATE	DATE 14/01/2021							
PROJECT DRAWN BY	DESIGN DRAWN BY R. VILJOEN							
DATE	DATE 05/01/2021	©					SHEET NUMBER	REVISION
SCALE						5		0

