
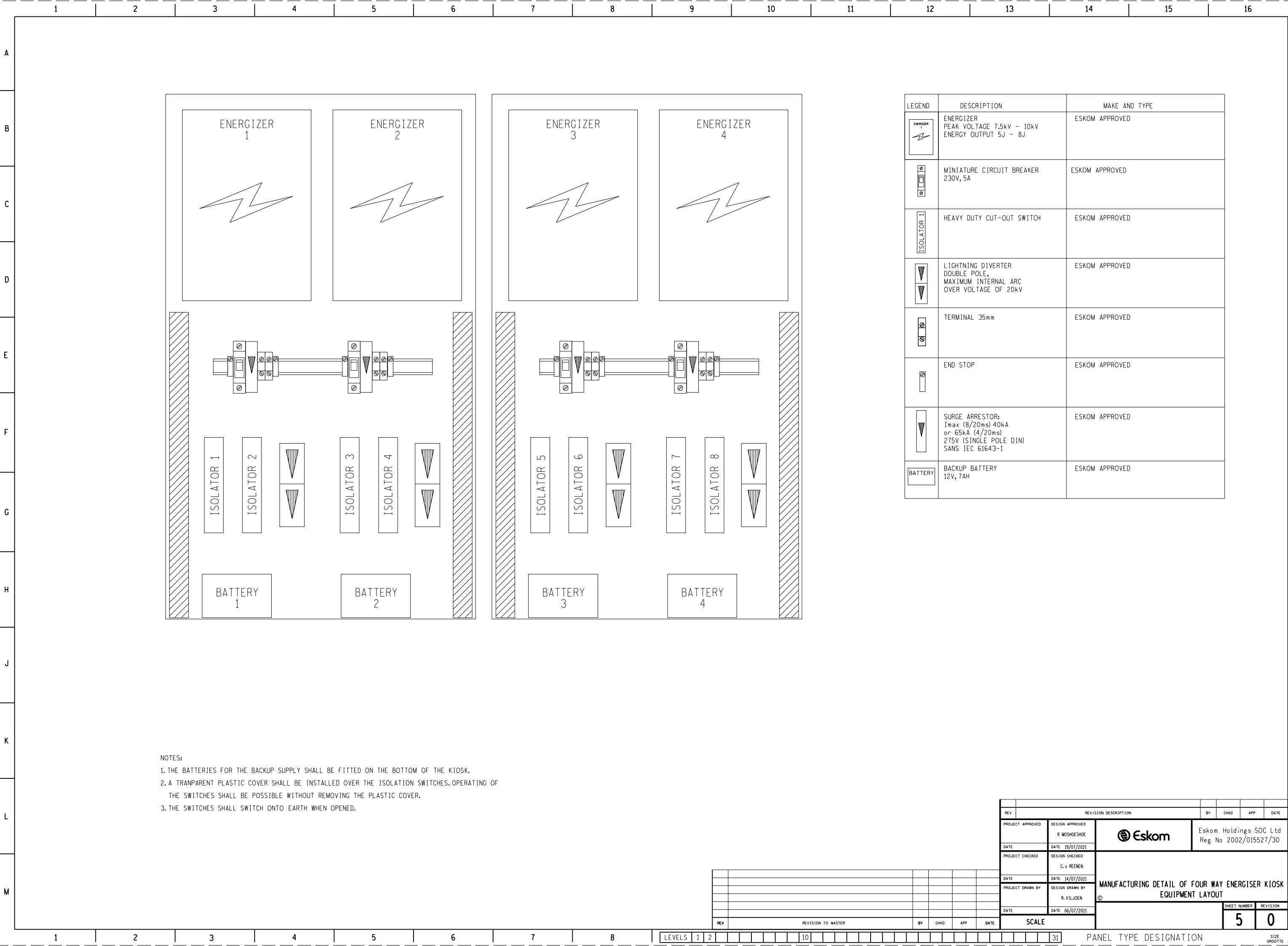


NOTES:
AN AREA SURROUNDING THE KNOCK-OUTS
(AS INDICATED BY THE DOTTED CIRCLES)
SHALL NOT BE POWDER COATED. THESE
SHALL BE LEFT AS BARE 3CR12.

- 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 19/01/2021					
PROJECT CHECKED		DESIGN CHECKED					
		C.v REENEN					
DATE		DATE 14/01/2021					
PROJECT DRAWN BY		DESIGN DRAWN BY		MANUFACTURING DETAIL OF FOUR WAY ENERGISER KIOSK GLAND PLATE			
		R. VILJOEN					
DATE		DATE 06/01/2021		<div> <div>©</div> <div> <div>SHEET NUMBER</div> <div>REVISION</div> </div> </div> <div> <div>4</div> <div>0</div> </div>			
SCALE 1:5							



ISOLATOR 1

ISOLATOR 2

ISOLATOR 3

ISOLATOR 4

ISOLATOR 5

ISOLATOR 6

ISOLATOR 7

ISOLATOR 8

BATTERY 1

BATTERY 2

BATTERY 3

BATTERY 4

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.

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

REV

REVISION DESCRIPTION

BY

CHKD

APP

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PROJECT CHECKED

DESIGN CHECKED

DATE

PROJECT DRAWN BY

DESIGN DRAWN BY

DATE

ESKOM

Eskom Holdings SOC Ltd
Reg No 2002/015527/30

MANUFACTURING DETAIL OF FOUR WAY ENERGISER KIOSK
EQUIPMENT LAYOUT

SHEET NUMBER
5

REVISION
0

SCALE

LEVELS

1

2

10

31

PANEL TYPE DESIGNATION

SIZE
GROUPE

A1L

