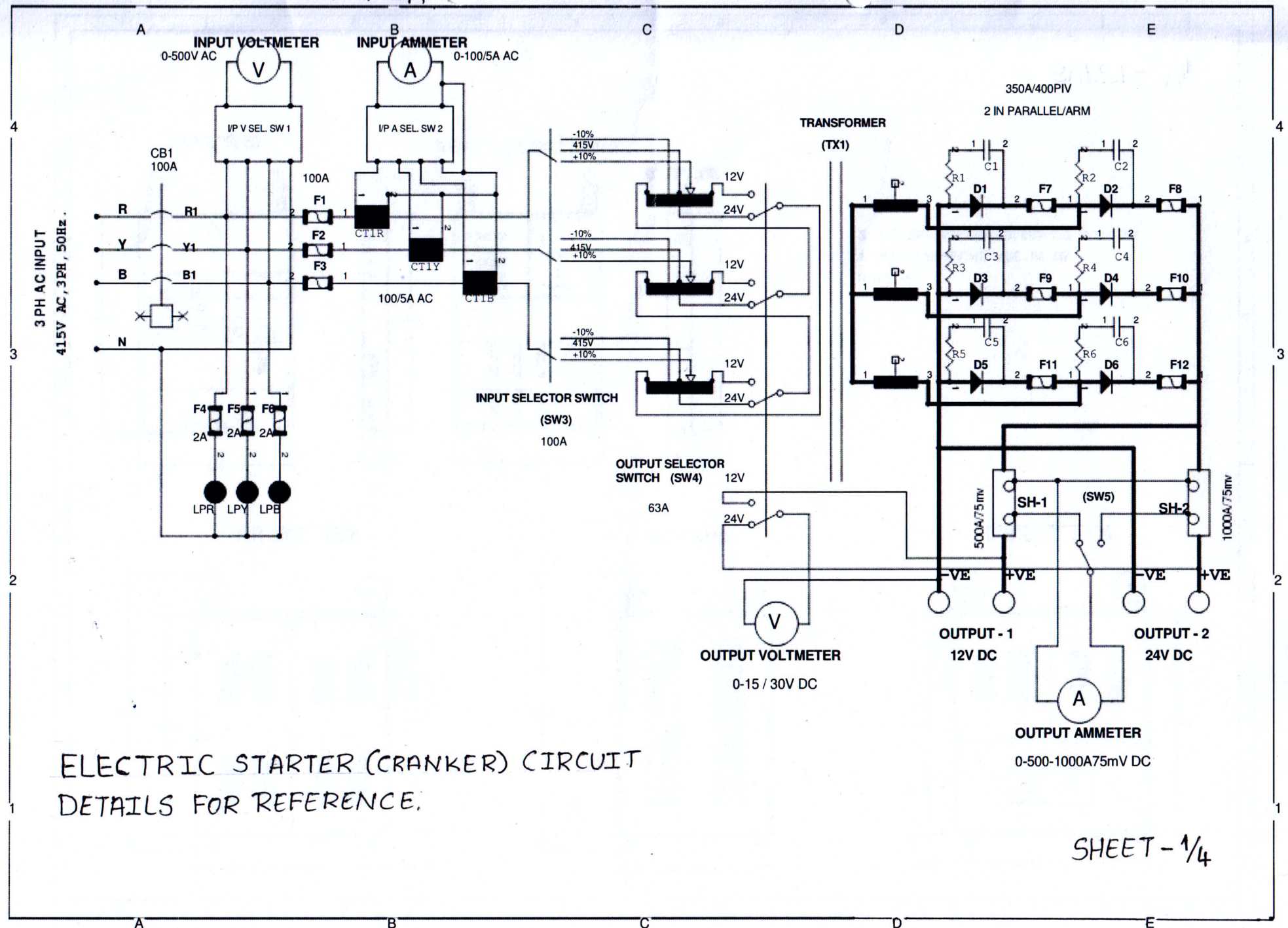


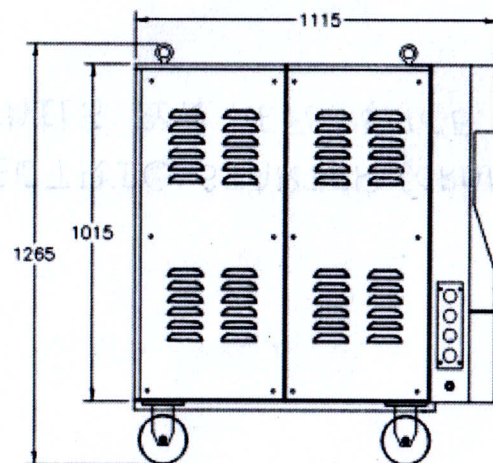
# ELECTRIC STARTER

ANNEXURE - J

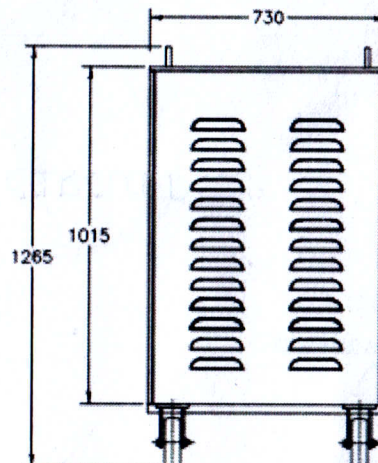


ELECTRIC STARTER (CRANKER) CIRCUIT  
DETAILS FOR REFERENCE.

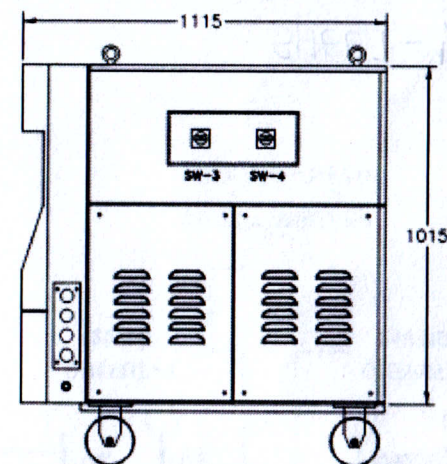
SHEET - 1/4



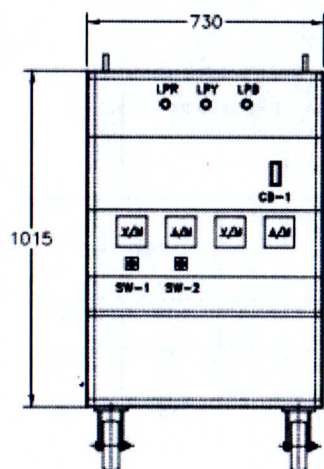
L.H.SIDE VIEW



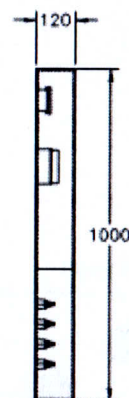
BACK DOOR



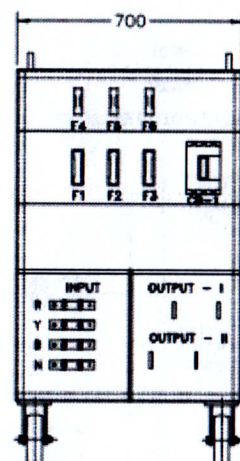
R.H.SIDE VIEW



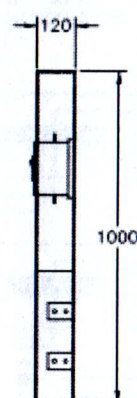
FRONT DOOR



L.H.S.VIEW



AFTER OPEN FRONT DOOR



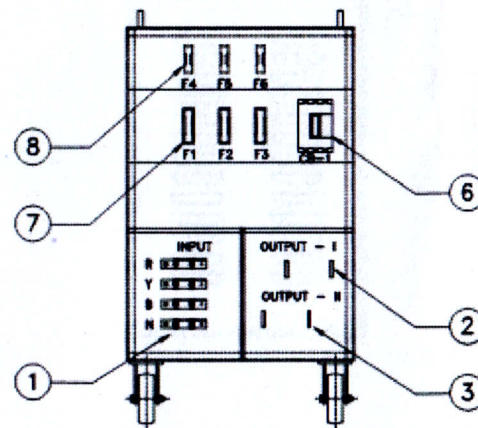
R.H.S.VIEW

NOTE :-

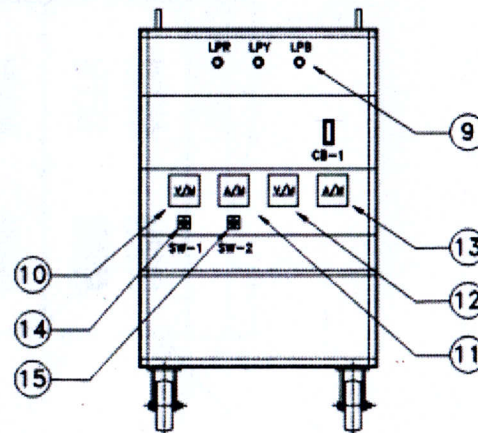
1 ALL DIMENSIONS ARE IN MM

2 ALL DIMENSIONS TOLERANCE  $\pm 2\%$





AFTER OPEN FRONT DOOR



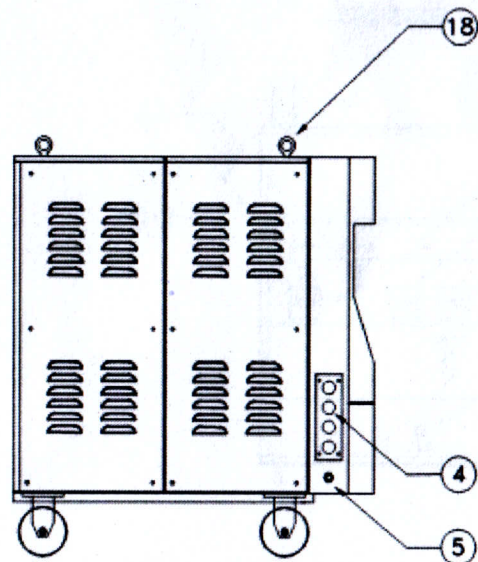
FRONT DOOR

NOTE :-

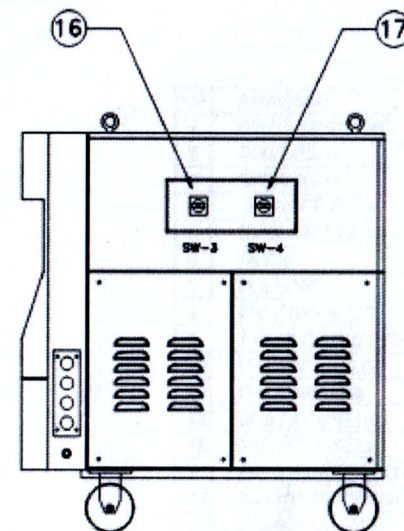
ONLY ONE OUTPUT CAN BE LOADED AT ANY TIME - OUTPUT-I OR OUTPUT-II

18	LIFTING HOOKS		4	
17	O / P SEL.SWITCH.	SW - 4 ( 63 A )	1	
16	I / P SEL.SWITCH.	SW - 3 ( 100 A )	1	
15	IP AMM.SEL.SWITCH.	SW - 2	1	
14	IP VOLT.SEL.SWITCH.	SW - 1	1	
13	O / P AMTMETER	AM - 2 ( 0-500A & 0-1000A )	1	
12	O / P VOLTMETER	VM - 2 ( 0-15V & 0-30 V )	1	
11	I / P AMMETER	AM - 1 ( 0-50A & 0-100 A )	1	
10	I / P VOLTMETER	VM - 1 ( 0 - 500 V AC )	1	
9	MAINS ON IND.LAMP	LPR,LPY,LPB( 240 V AC )	3	
8	IND.LAMP FUSE	F4,F5,F6 ( 2 AMP )	3	
7	I / P FUSE	F1,F2,F3 ( 100 AMP )	3	
6	MCCB	CB- 1 ( 100 AMP TP )	1	
5	EARTHING STUD		2	
4	IP CABLE ENTRY		2	
3	OUT PUT - II	24 V DC	1	
2	OUT PUT - I	12 V DC	1	
1	INPUT TERMINAL	415V AC , 3 Ph, 50 Hz	1	
No	Description	Symbols	Qty.	Remark

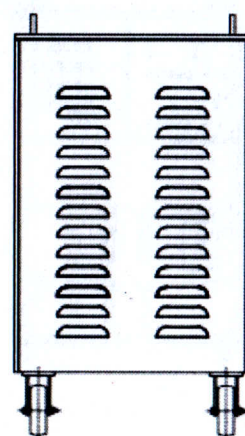
.....



L.H.SIDE VIEW



R.H.SIDE VIEW



BACK DOOR