

No.	DESCRIPTION	QTY	Comp NO	Price
THYRISTORS				
①	SCR 7 7 7 7 7	1	Q1	
TRANSISTORS				
①	2N 3055 OR EQUIV TRANSISTOR	1	TR1-6	
	ARRAY ON HEATSINKS (Burrnoughs 1471 4502) *		(TR1-6)-9	
ICs				
①	MA 723	1	IC 2	
②	MC 3425	1	IC 1	
③	IC SOCKETS FOR ABOVE	2		
LAMPS				
①	24V PANEL Mounted signal Lamp (12.7mm diam)	1	LP 1	
②	240V " " " " " "	2	LP 2+3	
TERMINALS				
①	50A SCREW TERMINALS (1 BLACK 1 RED)	2		
②	4 mm SCREW TERMINALS (BLACK, 1 RED)	2		
③	4 tag TAG STRIP (50A) Eg KULKA N°603	1		
④	2 tag TAGSTRIP (LOW AMPs)	1		
⑤	LINKS FOR SENSE TERMINAL & MAIN			
	A FRONT	2		
	B REAR	2		
CASE				
①	4 UNIT x 250 mm CASE CUSTOM			
	MODULE C/W HEAVY PLATE RAILS			
	AND PERFORATED SIDES	1		
②	200mm Sub Chassis IN 16mm ZINTEC	1		
SWITCHES				
①	TOGGLE SWITCH SPDT 6A 250V	1	SW 1	
②	SWITCH 3A 250V & PRESSTO MAKE	1	SW 2	
	Suitable for 250V MAINS.			
MISC.				
①	24V SINGLE POLE N.O RELAY	1	RLY 1	
** ②	TRANSFORMER /R 115/230V SEC 16V @ 20, 30, 50 Amp	1		

* TYPE DEPENDANT ON CURRENT REQMT.

NE MAIN CURRENT DATA SHOWN IN R/C @ 10 Amp 41.25

CAPACITORS		Qty	Component No's	PRICE
①	55,000 μ F OR 110,000 μ F 25V Electrolytic	2	C1, C2.	
②	0.01 μ F 50V, DISC CERAMIC OR POLYESTER	5	C3, C4, C11, C12, C13	
③	0.022 μ F 50V DISC CERAMIC OR POLYESTER	1	C4.	
④	0.1 μ F 50V TANTALUM	1	C8	
⑤	22.0 μ F 35V TANTALUM $\pm 20\%$	1	C6	
⑥	330 μ F 16V Electrolytic AXIAL	1	C7	

RESISTORS

①	2.2 Ω $\pm 5\%$ 1/3 WATT CARBON FILM,	1	R22	
②	100 Ω " " " " " "	1	R2	
③	220 Ω " " " " " "	1	R7	
④	470 Ω " " " " " "	1	R1	
⑤	1.0 k Ω " " " " " "	5	R3-R6, R8	
⑥	1.8 k Ω " " " " " "	3	R9, R10, R12	
⑦	10 k Ω " " " " " "	1	R11	
⑧	10 Ω $\pm 5\%$ 2.5 WATT WIRE WOUND	2	R13, R14	
⑨	2.2 Ω $\pm 5\%$ 5 WATT " " WIRE WOUND	1	R15	
⑩	0.1 Ω $\pm 5\%$ 10 WATT " " " "	5	R17-R21	
⑪	47 Ω $\pm 5\%$ 10 WATT " " " "	1	R16	
⑫	See Chart for Value & WATTAGE	1	R23	

POTENTIOMETERS

①	100 Ω TEN TURN. Panel MOUNT	1	RV1	
②	1 k Ω " " " " " "	1	RV2	
③	1 k Ω PANEL Mount, LOCKABLE	1	RV4	
④	2 k Ω PRESET 10 turns 10 turn PERMOUNT	1	RV3	

SEMICONDUCTORS - DIODES.

①	1N914	2	D1, D2	
②	1N4002	1	D3	
③	1WATT 9V1 ZENER	1	DA	
④	DIODE BRIDGE ASSY TO SUIT CURRENT			

REQUIREMENTS

+ HEAT SINKS TO SUIT

DS-DB

Misc Cont.

- ③ 115V/230V FAN (Depending on transformer.
115V preferred
- ④ GROUND for Above Fan.
fing →
- ⑤ EIA PLUG (PANEL MOUNT) with integral or
separate FILTER.
- ⑥ Ckt BREAKER (eg ETA 2-6200-P10-H)
or similar Amps?
- ⑦ HEAT SINKS (See Diode BRIDGE & PWR
TRANSISTORS
- ⑧ 1 mA Meter - MR 52P Rescaled to suit Amps

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