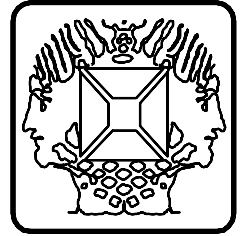


HIGH-Q

velleman-kit

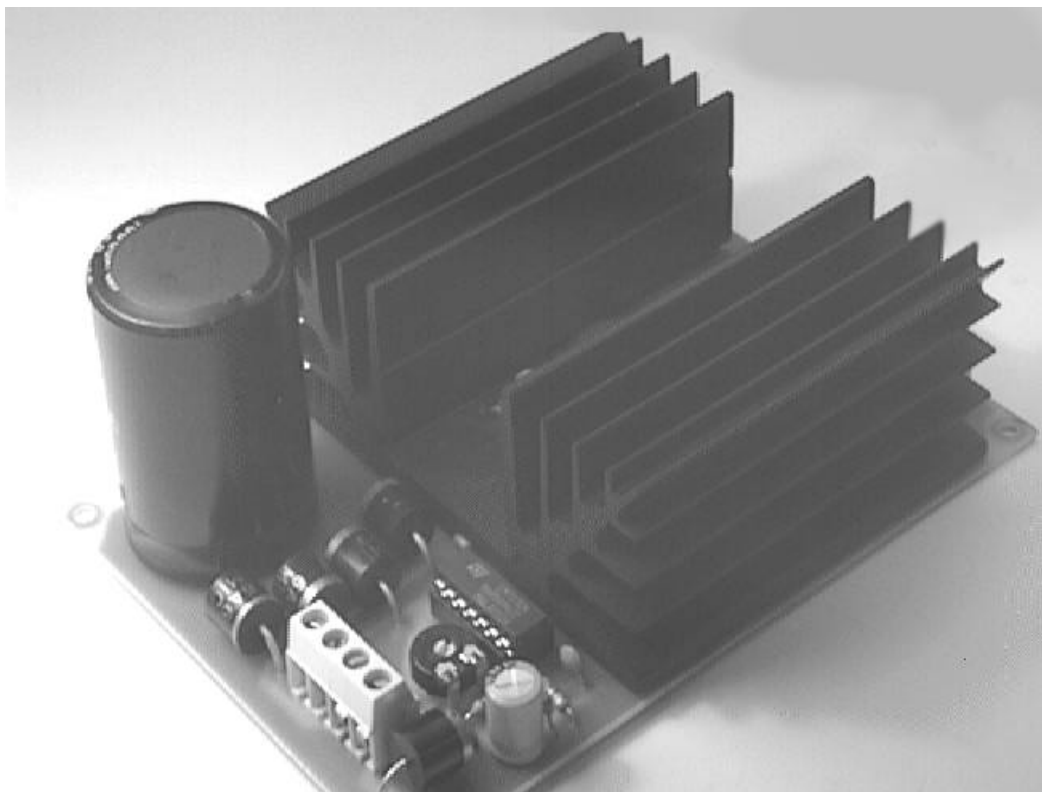


K7203

3 TO 30VDC / 3A POWER SUPPLY

- Output voltage: adjustable 3 to 30V regulated
- Output current: 3A maximum
- Output ripple voltage: 0.5mV typ.
- Short circuit protected
- Overload protected
- Heatsink included
- Input: 9 to 30V transformer, depending on the desired output
- Transformer not included
- Dimensions (LxWxH): 130x91x50mm


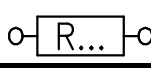
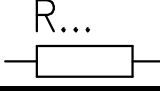
modifications reserved



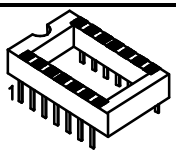
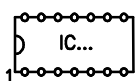
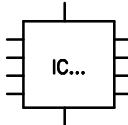
PARTLIST

H7203P-ED1

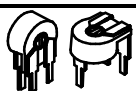
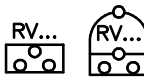
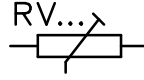
C O D E	I	P	E	SF	S	DK	N	D	GB	F	NL	C O D E
	CODICE COLORE	CODIGO DE CORES	CODIGO DE COLORES	VÄRI KOODI	FÄRG SCHEMA	FARVE KODE	FARGE KODE	FARB KODE	COLOUR CODE	CODIFI- CATION DES COU- LEURS	KLEUR KODE	
0	Nero	Preto	Negro	Musta	Svart	Sort	Sort	Schwarz	Black	Noir	Zwart	0
1	Marrone	Castanho	Marrón	Ruskea	Brun	Brun	Brun	Braun	Brown	Brun	Bruin	1
2	Rosso	Encarnado	Rojo	Punainen	Röd	Rød	Rød	Rot	Red	Rouge	Rood	2
3	Aranciato	Laranja	Naranjado	Oranssi	Orange	Orange	Orange	Orange	Orange	Orange	Oranje	3
4	Giallo	Amarelo	Amarillo	Keltainen	Gul	Gul	Gul	Gelb	Yellow	Jaune	Geel	4
5	Verde	Verde	Verde	Vihreä	Grön	Grøn	Grønn	Grün	Green	Vert	Groen	5
6	Blu	Azul	Azul	Sininen	Blå	Blå	Blå	Blau	Blue	Blue	Blauw	6
7	Viola	Violeta	Morado	Purppura	Lila	Violet	Violet	Violet	Purple	Violet	Paars	7
8	Grigio	Cinzento	Gris	Harmaa	Grå	Grå	Grå	Grau	Grey	Gris	Grijs	8
9	Bianco	Branco	Blanco	Valkoinen	Vit	Hvid	Hvidt	Weiss	White	Blanc	Wit	9
A	Argento	Prateado	Plata	Hopea	Silver	Sølv	Sølv	Silber	Silver	Argent	Zilver	A
B	Oro	Dourado	Oro	Kulta	Guld	Guld	Guldl	Gold	Gold	Or	Goud	B

1    $R...$

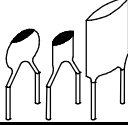
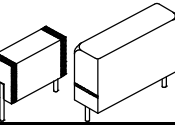
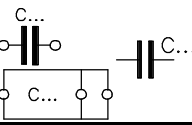
R1: 8K2 (8-2-2-B)
 R2: Uout 3...8V: 5K6 (5-6-2-B)
 Uout 8...30V: 2K2 (2-2-2-B)
 R3: 680 (6-8-1-B)
 R4: 1K (1-0-2-B)
 R5: 82K (8-2-3-B)

2    IC...


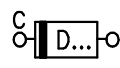

IC1: 14P

3   RV...  RV...

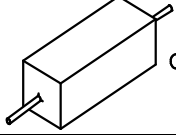

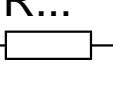
RV1: 10K

4    C... C...

C1: 470p (471)
 C2, C3: 100n (μ 1 - 104)

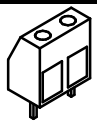


5  CATHODE  D...  D...

D1...D6: 6A2, 6A6 (!)



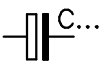
6   R...  R...

5W

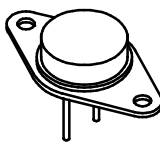




R6: 0.18

7   J...  J...

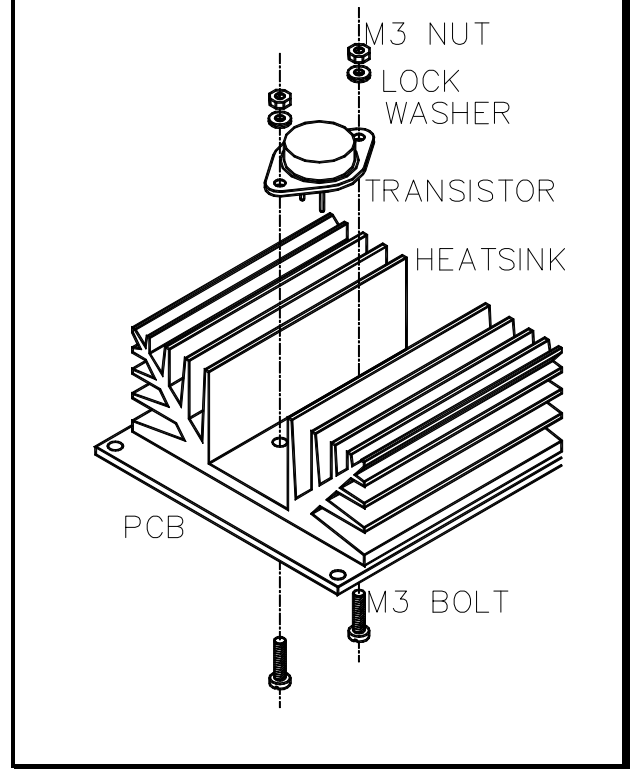
J1: 4P

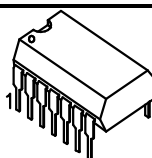
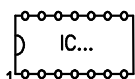
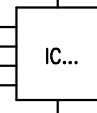
8   C...  C...

C4: 100 μ (!)
 C5: 10.000 μ (!)

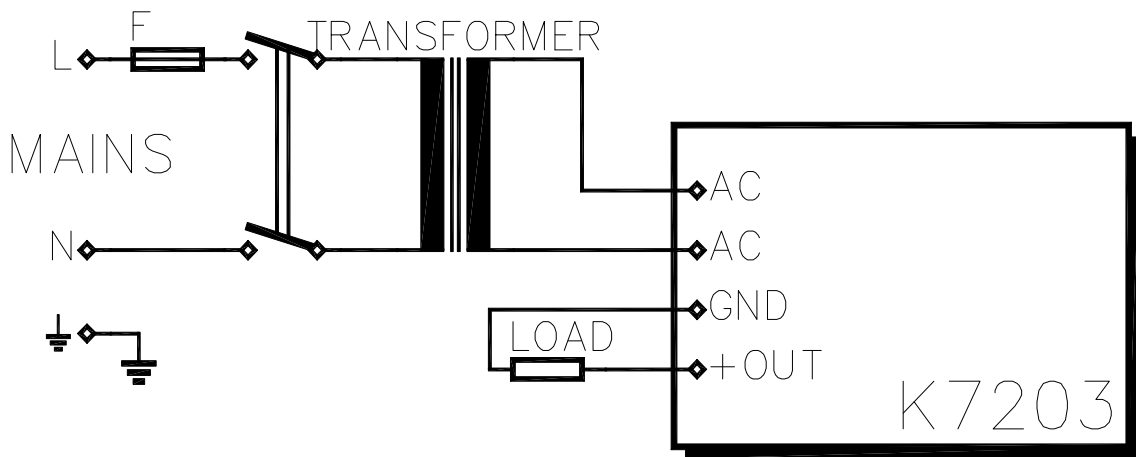
9   T...  T...  T...  T...

T1: MJ3001, MJ4035, BDX87,
 2N6057, 2N6058, 2N6059,
 2N6283, 2N6284 or EQ. (!)



10   IC...  IC...

IC1: 723 (!)



Desired regulate d output voltage	R2	Desired transformer ordercode only @230VAC	Desired fuse @ 230VAC	Desired fuse @ 110VAC
3...5V	5K6	9V / 30VA - 309	160mA Slow	315mA Slow
5...8V	5K6	12V / 50VA - 5012	250mA Slow	500mA Slow
8...13V	2K2	15V / 50VA - 5015	250mA Slow	500mA Slow
13...15V	2K2	18V / 80VA - 8018	400mA Slow	800mA Slow
15...18V	2K2	22V / 80VA - 8022	400mA Slow	800mA Slow
18...22V	2K2	24V / 80VA - 8024	400mA Slow	800mA Slow
22...30V	2K2	30V / 120VA - 12030	800mA Slow	1.5A Slow

