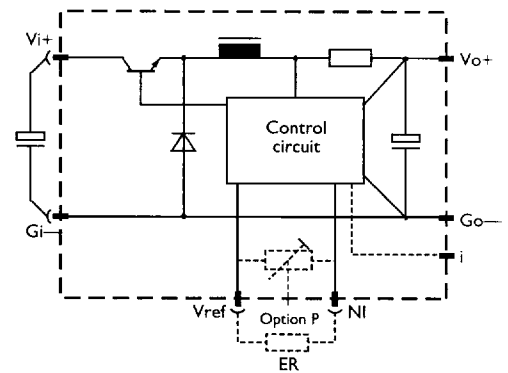


SMR, ISR

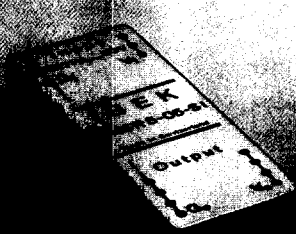
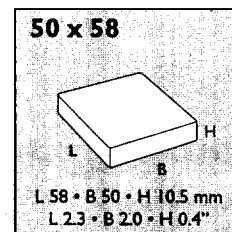
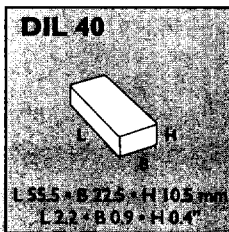
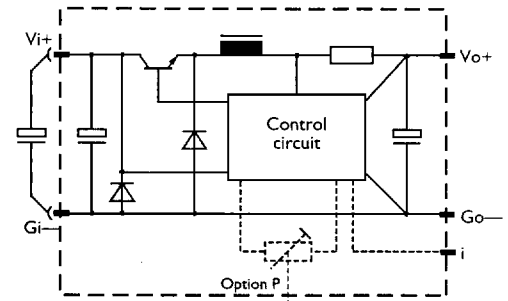
SMR series

- Output power 7.5...30 W
- Very long service life
- Hermetically sealed components
- Tantalum capacitors as per MIL-C-39003A
- Parallel operation possible
- Input capacitor or input filter absolutely necessary (see data sheet)
- 5 V, 12 A regulator in case C on request



ISR series

- Output power of 5 W and 10 W
- High efficiency
- High reliability
- Optimum dynamic characteristics
- Continuously short-circuit proof
- Metal case (ISR 10 only)
- Module height 10.5 mm (0.4") only
- Input capacitor or input filter absolutely necessary (see data sheet)



Switching mode regulators without isolation

Options

- 8** Extended operational ambient temperature range T_A : $-40...85^\circ\text{C}$ ($-40...185^\circ\text{F}$)
- 9** Extended operational ambient temperature range T_A : $-40...71^\circ\text{C}$ ($-40...160^\circ\text{F}$)
- S** Extended operational ambient temperature range T_A : $-40...85^\circ\text{C}$ ($-40...185^\circ\text{F}$)
- i** Inhibit input for switching output voltage on and off with a logic signal
- P** Potentiometer for fine adjustment of output voltage V_o
- Y** Case A: Soldering pins for pcb-mounting-holes of $\varnothing 1.4$ mm

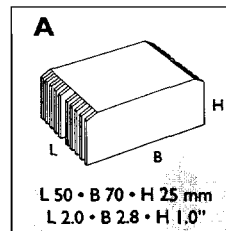
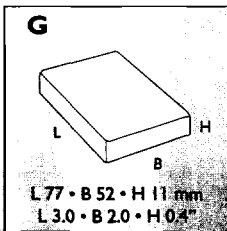
SMR series (Hermetic components)

Output		Input	Eff.	Case	Type	Options
V_o nom	I_o nom	V_i	η		Basic version	
V DC	A	V DC	%		$T_A: -25...71^\circ\text{C}$	
5.0	2.3	10...35	81	G	SMRF 52.3-6	i
5.0	1.5	10...35	75	A	SMR 51.5-7	8, i, P, Y
5.0	3.0	10...35	75		SMR 53-7	8, i, P, Y
5.0	4.0	10...35	81		SMR 54-7	9, i, P, Y
7.5...16	1.5	$(V_o+5)...35$	90		SMR 121.5ER-7 ¹⁾	8, i, Y

¹⁾ External tuning resistor for output voltage V_o : 7.5...16 V

ISR series

Output		Input	Eff.	Case	Type	Options
V_o nom	I_o nom	V_i	η		Basic version	
V DC	A	V DC	%		$T_A: 0...71^\circ\text{C}$	
5.0	1.0	$(V_o+4)...33$	80	DIL 40	24 ISR 5-05-N	i, S
12.0	0.42				24 ISR 5-12-N	
15.0	0.33				24 ISR 5-15-N	
5.0	2.0			50 x 58	24 ISR 10-05-N	i, P, S



Accessories

320
410

