

5watt / 24pins DIL / 500Vdc isolation

5B series / 2:1 input range

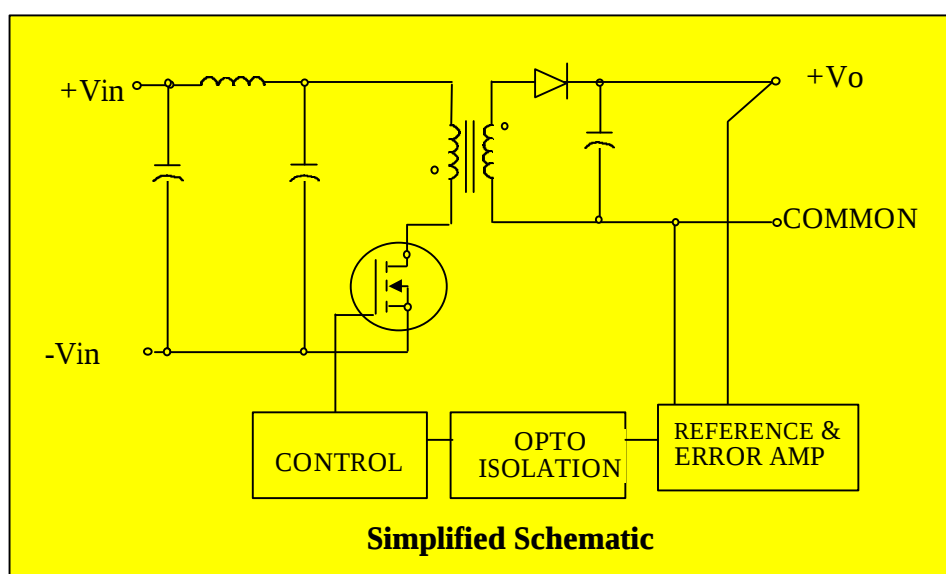
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Feature:

- Low Cost
- 2:1 input range
- Industry-standard package and pinout
- 500Vdc Input/Output Isolation
- Single and Dual Outputs
- No External Components required

Specifications: At 25°C

Input Specifications:	General Specifications:
Input Voltage Range: See Table	Isolation Voltage: 500Vdc
Input Filter: Pi Type	Efficiency: see table
Output Specifications:	Switching Frequency: 200KHz typical
Output Voltage & Current: see table	Isolation Resistance: 1000M ohm
Voltage Accuracy: $\pm 2\%$ max	Environmental Specifications:
Line Regulation(at full load): $\pm 1\%$ max	Operating Temperature: -25 to + 71°C
Load Regulation (at full load to 1/4 load):	Storage Temperature: -40 to +105°C
Single output: $\pm 1\%$ max	Cooling: Free air convection
Dual output: $\pm 2.5\%$ max	Derating: See Derating Curve
Temperature Coefficient: $\pm 0.05\%/^{\circ}\text{C}$ max	Humidity Non-Condensing: 20 to 95% RH
Ripple & Noise(20Mhz BW): 1% p-p max	Physical Specifications:
Short Circuit Protection: Power fold back	Case Material: Black coated copper with non-conductive plastic base
Over load protection: Build-in	Weight: 24grams typical



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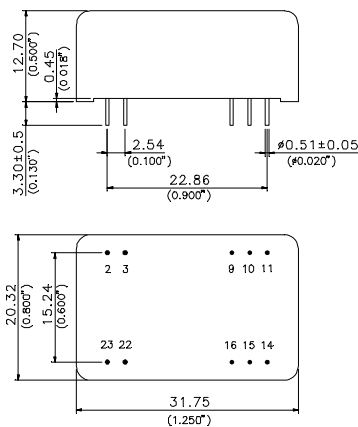
Model Selection Table:

Model no.	Input			Output		Efficienc Typical① %	Package	External Fuse② (A)
	Voltage (Vdc)	Current(mA)		Voltage (Vdc)	Current (mA)			
		No-Load	Full-Load					
5B101-12S05	9-18	48	580	5	1000	72	5B	1.5
5B400-12S12	9-18	48	500	12	400	80	5B	1.5
5B330-12S15	9-18	48	510	15	330	81	5B	1.5
5B500-12D05	9-18	48	580	±5	±500	72	5B	1.5
5B200-12D12	9-18	48	526	±12	±200	76	5B	1.5
5B160-12D15	9-18	48	513	±15	±160	78	5B	1.5
5B101-24S05	18-36	42	282	5	1000	74	5B	1
5B400-24S12	18-36	42	250	12	400	80	5B	1
5B330-24S15	18-36	42	230	15	300	81	5B	1
5B500-24D05	18-36	42	290	±5	±500	72	5B	1
5B200-24D12	18-36	42	263	±12	±200	76	5B	1
5B160-24D15	18-36	42	250	±15	±160	80	5B	1
5B101-48S05	36-72	36	140	5	1000	74	5B	0.5
5B400-48S12	36-72	36	125	12	400	80	5B	0.5
5B330-48S15	36-72	36	116	15	300	81	5B	0.5
5B500-48D05	36-72	36	145	±5	±500	72	5B	0.5
5B200-48D12	36-72	36	131	±12	±200	76	5B	0.5
5B160-48D15	36-72	36	128	±15	±160	78	5B	0.5

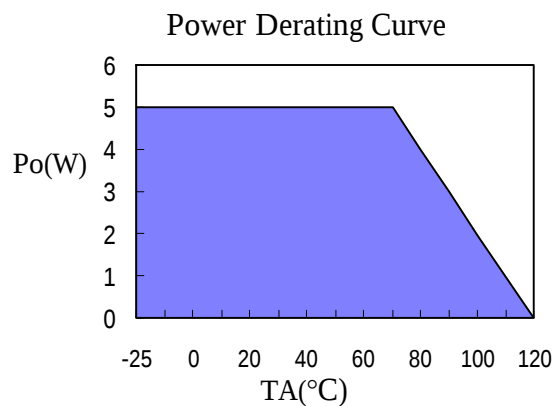
①Efficiency is specified at nominal input voltage and full load.

②Certain applications may require the installation of external fuse in front of the input.

Package 5B:



FUNCTION	SINGLE	DUAL
+INPUT	22&23	22&23
-INPUT	2&3	2&3
+OUTPUT	14	14
COMMON	NC	9&16
-OUTPUT	16	11



Unit: mm(inch)±0.25(0.010)