

3watt / 24pins DIL/ 500Vdc isolation
3B series/ 2:1 input range

YCL

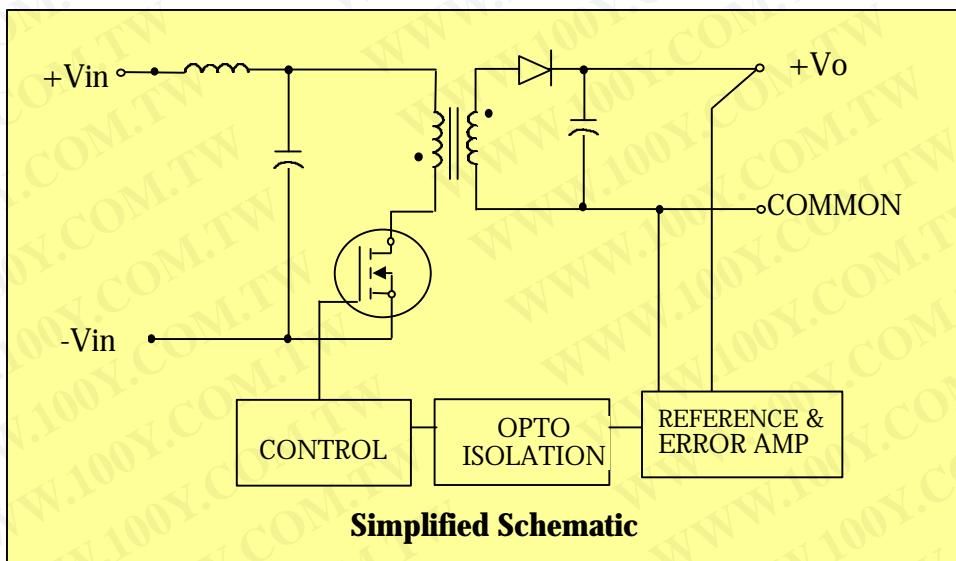
Feature:

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

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

Specifications: At 25°C

Input Specifications:	General Specifications:
Input Voltage Range: See Table	Isolation Voltage: 500Vdc
Input Filter: LC type	Efficiency: see table
Output Specifications:	Switching Frequency: 25KHz typical
Output Voltage & Current: see table	Isolation Resistance: 1000M ohm
Voltage Accuracy: $\pm 3\%$ 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): Single output: $\pm 1\%$ max Dual output: $\pm 2.5\%$ max	Storage Temperature: -40 to +105°C
	Cooling: Free air convection
Temperature Coefficient: $\pm 0.05\%/^{\circ}\text{C}$ max	Derating: See Derating Curve
Ripple & Noise(20Mhz BW): 1% p-p max	Humidity Non-Condensing: 20 to 95% RH
Short Circuit Protection: Power fold back	Physical Specifications:
Over load protection: Build-in	Case Material: Non-conductive plastic base
	Weight: 15grams typical



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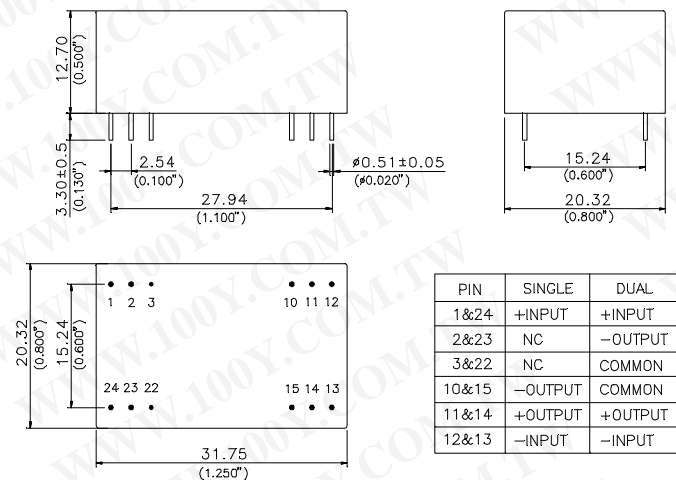
Model Selection Table:

Model no.	Input			Output		Efficiency Typical ^① %	Package	External Fuse ^② (A)
	Voltage (Vdc)	Current(mA)		Voltage (Vdc)	Current (mA)			
		No-Load	Full-Load					
3B500-05S05	4.5-6.0	60	770	5	500	60	3B	2
3B250-05S12	4.5-6.0	170	930	12	250	65	3B	2
3B200-05S15	4.5-6.0	140	880	15	200	68	3B	2
3B250-05D05	4.5-6.0	140	810	±5	±250	62	3B	2
3B125-05D12	4.5-6.0	180	900	±12	±125	60	3B	2
3B100-05D15	4.5-6.0	180	1000	±15	±100	60	3B	2
3B500-12S05	9-18	35	320	5	500	65	3B	1
3B250-12S12	9-18	30	340	12	250	75	3B	1
3B200-12S15	9-18	40	340	15	200	75	3B	1
3B250-12D05	9-18	140	340	±5	±250	61	3B	1
3B125-12D12	9-18	75	360	±12	±125	70	3B	1
3B100-12D15	9-18	70	360	±15	±100	71	3B	1
3B500-24S05	18-36	15	140	5	500	73	3B	0.5
3B250-24S12	18-36	20	180	12	250	70	3B	0.5
3B200-24S15	18-36	20	170	15	200	73	3B	0.5
3B250-24D05	18-36	30	160	±5	±250	67	3B	0.5
3B125-24D12	18-36	30	190	±12	±125	69	3B	0.5
3B100-24D15	18-36	40	180	±15	±100	70	3B	0.5
3B500-48S05	36-72	15	85	5	500	63	3B	0.5
3B250-48S12	36-72	20	90	12	250	70	3B	0.2
3B200-48S15	36-72	10	95	15	200	65	3B	0.2
3B250-48D05	36-72	20	80	±5	±250	65	3B	0.2
3B125-48D12	36-72	20	85	±12	±125	73	3B	0.2
3B100-48D15	36-72	20	90	±15	±100	73	3B	0.2

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 3B:



Unit: mm(inch)±0.25(0.010)

