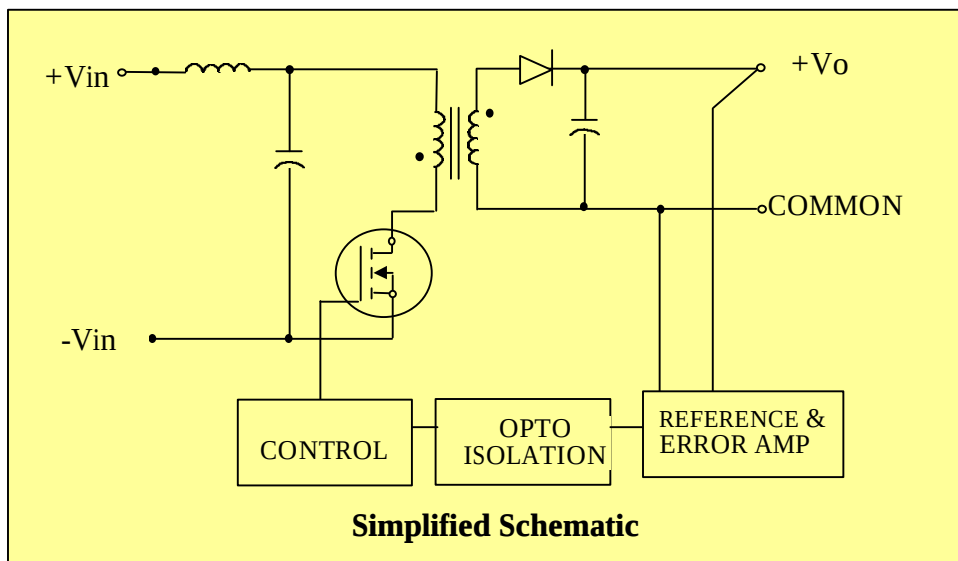


YCL

- Low Cost
- 2:1 input range
- Industry-standard package and pinout
- 1500Vdc Input/Output Isolation
- Single and Dual Outputs
- No External Components required

Input Specifications:	General Specifications:
Input Voltage Range: See Table	Isolation Voltage: 1500Vdc
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
	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: Non-conductive plastic base
Over load protection: Build-in	Weight: 15grams typical



3watt / 24pins DIL / 1,500Vdc isolation

YCL

CB series / 2:1 input range

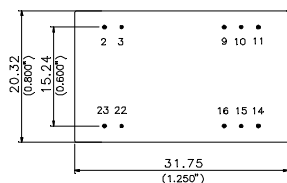
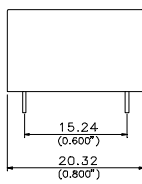
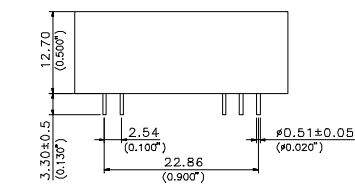
Model Selection Table:

Model no.	Input			Output		Efficienc Typical① %	Package	External Fuse② (A)
	Voltage (Vdc)	Current(mA)		Voltage (Vdc)	Current (mA)			
		No-Load	Full-Load					
CB500-05S05	4.5-6.0	90	835	5	500	60	CB	2
CB250-05S12	4.5-6.0	100	920	12	250	66	CB	2
CB200-05S15	4.5-6.0	100	920	15	200	65	CB	2
CB250-05D05	4.5-6.0	90	780	±5	±250	64	CB	2
CB125-05D12	4.5-6.0	100	920	±12	±125	61	CB	2
CB100-05D15	4.5-6.0	100	920	±15	±100	65	CB	2
CB500-12S05	9-18	40	320	5	500	65	CB	1
CB250-12S12	9-18	40	355	12	250	70	CB	1
CB200-12S15	9-18	40	355	15	200	70	CB	1
CB250-12D05	9-18	40	315	±5	±250	66	CB	1
CB125-12D12	9-18	40	355	±12	±125	70	CB	1
CB100-12D15	9-18	40	355	±15	±100	70	CB	1
CB500-24S05	18-36	20	160	5	500	65	CB	0.5
CB250-24S12	18-36	20	175	12	250	71	CB	0.5
CB200-24S15	18-36	20	175	15	200	72	CB	0.5
CB250-24D05	18-36	20	155	±5	±250	67	CB	0.5
CB125-24D12	18-36	20	180	±12	±125	70	CB	0.5
CB100-24D15	18-36	20	170	±15	±100	75	CB	0.5
CB500-48S05	36-72	20	75	5	500	68	CB	0.2
CB250-48S12	36-72	20	85	12	250	75	CB	0.2
CB200-48S15	36-72	20	85	15	200	75	CB	0.2
CB250-48D05	36-72	20	75	±5	±250	69	CB	0.2
CB125-48D12	36-72	20	85	±12	±125	75	CB	0.2
CB100-48D15	36-72	20	85	±15	±100	75	CB	0.2

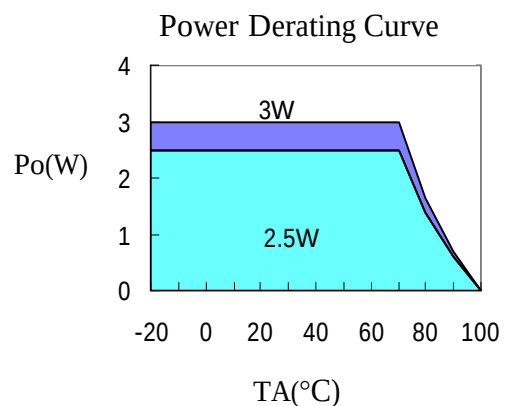
①Efficiency is specified at nominal input voltage and full load.

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

Package CB:



FUNCTION	SINGLE	DUAL
+ INPUT	22&23	22&23
- INPUT	2&3	2&3
+OUTPUT	14	14
COMMON	NC	8&16
-OUTPUT	16	11



Unit: mm(inch)±0.25(0.010)