

Wide input range

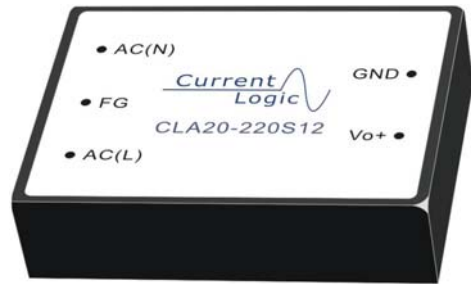
Typical Efficiency 80%

Switching frequency: 100 KHz

SC Protection (Auto Recover)

Can Be Dual Output

Low Ripple, Metal Case Shield



Input Characteristic

Default Input Voltage Range

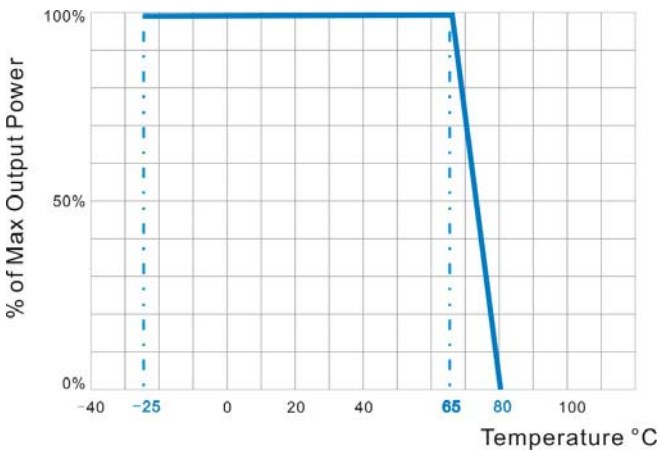
110VAC 85~145VAC

220VAC 165~265VAC

Wide Input Voltage Range

220VAC 85~265VAC

Temperature performance:



Output Characteristic

Typical Efficiency:

75%

Ripple p-p:

1% of output voltage (MAX 180mV)

Output Accuracy:

Vout1 ±1%

Vout2 ±2%

Load Regulation:

Vout1 ±0.5%

Vout2 ±3%

Line Regulation:

Vout1 ±0.2%

Vout2 ±0.5%

Dynamic response:

±4.0/500us%

Short-circuit Protection:

yes

Start Time Delay:

≤1mS

Other info

Switching frequency:

60 KHz typical

Operating temperature:

Industrial -25°C ~ +65°C

Max Allowed Case Temperature:

Industrial 80°C

Storage Temperature:

Industrial -40°C ~ +105°C

Storage Humidity:

10~90%

Isolation Voltage:

Input - Output 2500 VDC ≤10mA/1min

Input - Case 1500VDC ≤10mA/1min

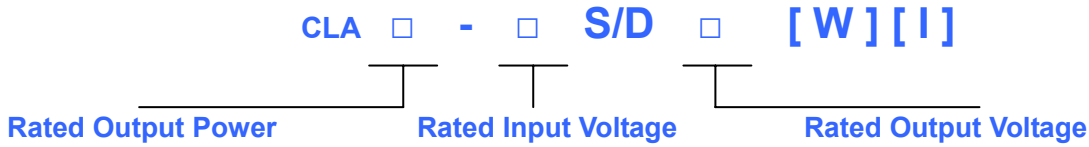
MTBF:

200000Hrs

Case Material:

Plastic/Metal

Ordering Information:

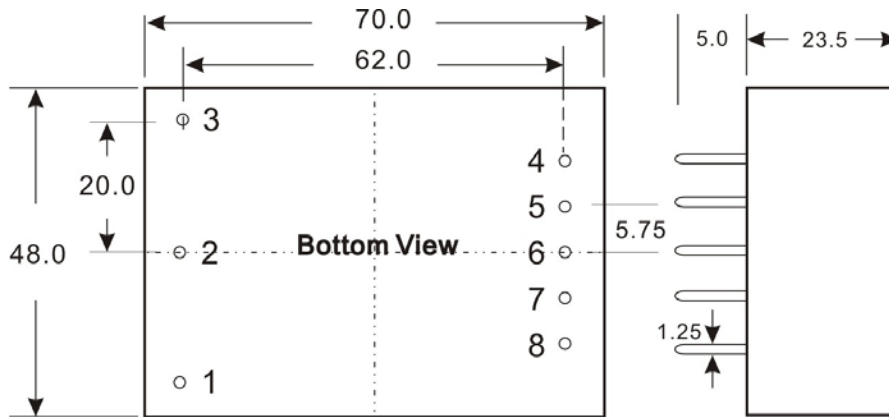


Note: S – Single Output D – Dual Outputs
 I – Outputs are isolated to each other
 W - 4:1 input (Leave it empty for Industrial normal input range)

Example:

Input	Output	Max Output Current / Power	Model
220V (165~265VDC)	24V	0.85A (20W)	CLA20-220S24
220V (85~265VDC)	24V	0.85A (20W)	CLA20-220S24W
220V (165~265VDC)	+/-24V	+/-0.42A (30W)	CLA30-220D24
220V (165~265VDC)	5V	5A (25W)	CLA25-220S05
220V (165~265VDC)	12V	2.1A (10W)	CLA25-220S12

Dimensions:



Unit: mm

Pin	1	2	3	4	5	6	7	8
Single	FG	AC(N)	AC(L)	Vout+				GND
Dual	FG	AC(N)	AC(L)	Vout+		COM		Vout-
Dual Isolated	FG	AC(N)	Vout+	Vout1+	GND1		Vout2+	GND2

NOTE: Size may change slightly to meet military grade or isolation requirements etc.