

Wide input range

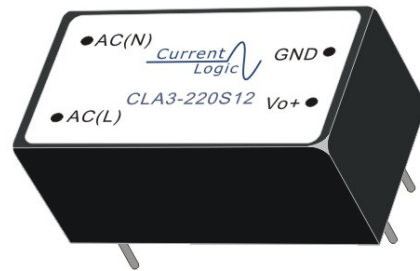
Typical Efficiency 70%

Switching frequency: 60 KHz

SC Protection (Auto Recover)

Can Be Dual Output

Low Ripple, Metal Case Shield



Input Characteristic

Output Characteristic

Default Input Voltage Range

110VAC 85~145VAC

220VAC 165~265VAC

Wide Input Voltage Range

220VAC 85~265VAC

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%

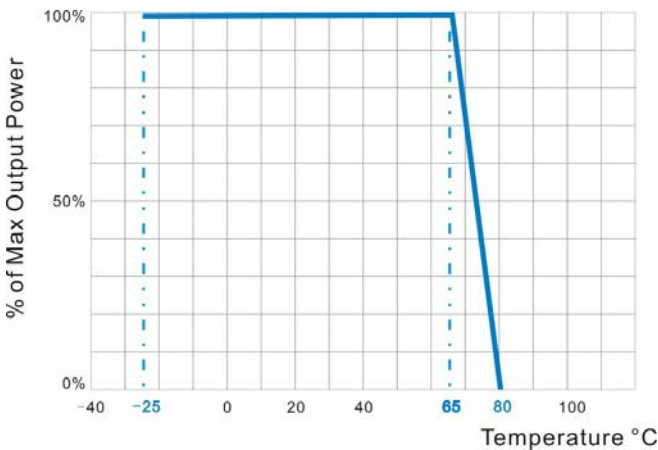
Dynamic response:

±4.0/500us%

Short-circuit Protection: yes

Start Time Delay: ≤1mS

Temperature performance:



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:

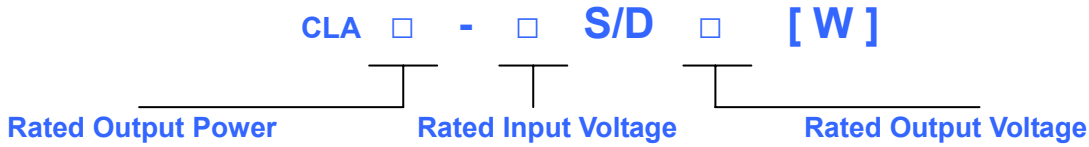
Input - Output 2500 VDC ≤10mA/1min

Input - Case 1500VDC ≤10mA/1min

MTBF: 200000Hrs

Case Material: Plastic/Metal

Ordering Information:

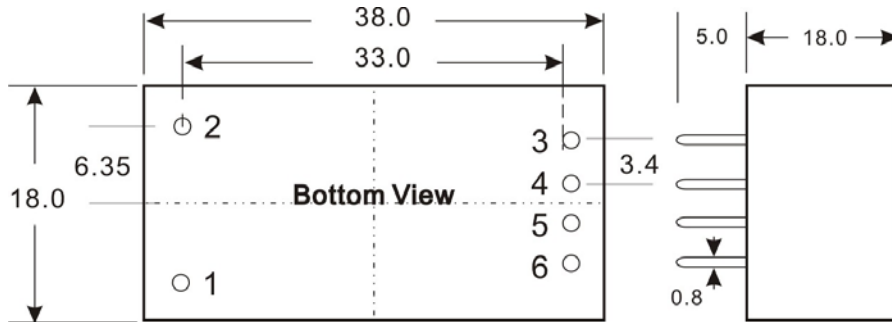


Note: S – Single Output D – Dual Outputs
W - 4:1 input (Leave it empty for Industrial normal input range)

Example:

| Input | Output | Max Output Current / Power | Model |
|-------------------|--------|----------------------------|--------------|
| 220V (165~265VDC) | 24V | 0.12A (3W) | CLA3-220S24 |
| 220V (85~265VDC) | 24V | 0.12A (3W) | CLA3-220S24W |
| 220V (165~265VDC) | +/-24V | +/-0.06A (3W) | CLA3-220D24 |
| 220V (165~265VDC) | 5V | 0.6A (3W) | CLA3-220S05 |
| 220V (165~265VDC) | 3.3V | 0.6A (2W) | CLA2-220S3V3 |

Dimensions:



Unit: mm

| Pin | 1 | 2 | 3 | 4 | 5 | 6 |
|--------|-------|-------|-------|-----|-----|-------|
| Single | AC(N) | AC(L) | Vout+ | | | GND |
| Dual | AC(N) | AC(N) | Vout+ | COM | COM | Vout- |

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