

DC/DC Switching Converter



Features

- Input Voltage Protection
- LED Indicator
- Protections:
 - Short circuit / Over voltage / Over current
 - Over temperature
- Efficiency 85% Min. Nominal Input
- MTBF > 50,000 hours

ED1032 X - vv PP

- X:** Output range
- vv:** Specified output voltage, i.e. 12 is 12VDC
- PP:** DC plug type, i.e. Code 01 for 5.5x2.1mm or other options (refer to the appendix page)

General Specification

OUTPUT

MODEL No.	MAX. OUTPUT POWER (W)	INPUT VOLTAGE (Vdc)	OUTPUT VOLTAGE (Vo)	LOAD		LOAD REGULATION	LINE REGULATION	RIPPLE & NOISE
				MIN. (Io)	MAX. (Io)			
ED1032A	20W	11~36V	5V	0A	4A	± 5%	± 1%	150mV
ED1032B	36W	11~36V	12V	0A	3A	± 5%	± 1%	180mV
ED1032C	40W	11~36V	15V	0A	2.66A	± 5%	± 1%	180mV
ED1032D	50W	11~36V	19V	0A	2.63A	± 5%	± 1%	300mV
ED1032E	50W	11~36V	24V	0A	2.08A	± 5%	± 1%	300mV

NOTE:

- 1 : Ripple & Noise is measured by using 20MHz bandwidth limited oscilloscope and terminated each output with a 0.1uF ceramic capacitor & parallel with 47uF aluminum capacitor at full load and nominal line.
- 2 : Line regulation is defined by changing ±10% of input voltage from nominal line at rated load.
- 3 : Max. Power (W) ≥ Vo x Io

INPUT

- Input Range: 11 to 36 VDC
- Input Current: 6A Max.
- Turn On Time: ≤ 3s

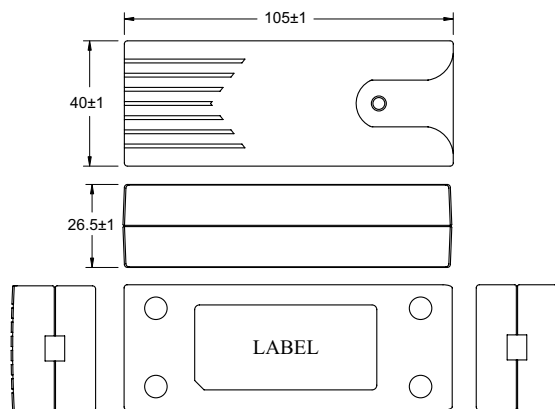
OUTPUT

- Short Circuit Protection: Latch-off
- Over Voltage Protection: Latch-off
- Over Current Protection: Latch-off
- Over Temperature Protection: Auto Recovery

ENVIRONMENT

- Operating Temperature: -20 to 40°C
- Storage Temperature: -20 to 85°C
- Operating Humidity: 10% to 90%
- Storage Humidity: 5% to 95%

MECHANICAL



- Case Size: 105L x 40W x 26.5H (mm)
- DC Input: 600mm cable + cigarette plug
- Weight: 220g

SAFETY

- Complied with CE