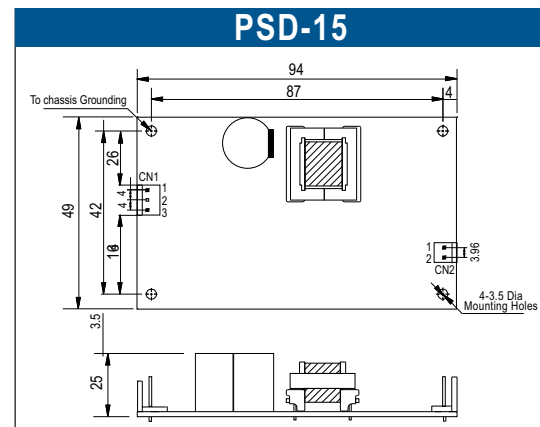
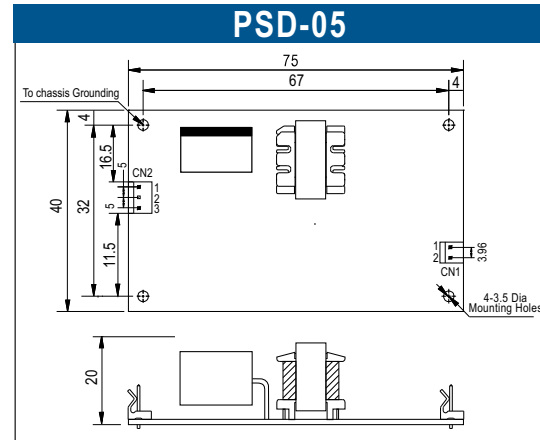
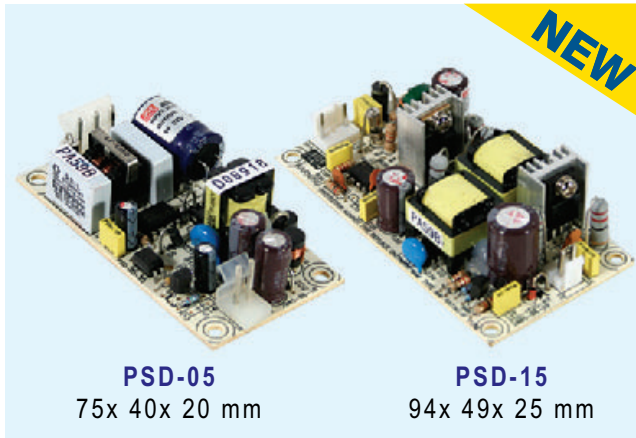


# 5~15W Single Output DC-DC Converter

- 2:1 wide input range
- 2000VDC I/O isolation
- Low cost, high reliability
- Protections: Short circuit / Overload / Over voltage / OTP (5W)
- 1 year warranty



Line and load regulation ...  $\pm 1.0\%$  (max.)

Overload protection ..... >105% fold back current limiting, auto-recovery (PSD-05)

105%~150% hiccup mode, auto-recovery (PSD-15)

Over voltage protection .... 115% ~ 135% rated output voltage

Withstand voltage ..... I/P-O/P: 2.0KV, I/P-FG: 1.5KV, 1 minute

Working temperature .....  $-10^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$  (refer to output derating curve)

EMC standards ..... EN55022 class B, EN61000-4-2,3,4,6,8, ENV50204

Connection ..... 3P, 2P / 3.96mm pitch, Molex 5285-03, 5273-02 (PSD-05)

3P, 2P / 3.96mm pitch, JST B3P/B2P-VH (PSD-15)

Stock No.	Model No.	Input	Output	R&N	Effi.
32121	PSD-05-5	36~72V	5V, 1.0A	50mV	75%
32122	PSD-05-12	36~72V	12V, 0.45A	100mV	78%
32123	PSD-05-24	36~72V	24V, 0.22A	150mV	78%
32111	PSD-15A-5	9.2~18V	5V, 3.0A	50mV	74%
32112	PSD-15A-12	9.2~18V	12V, 1.25A	100mV	67%
32113	PSD-15A-24	9.2~18V	24V, 0.6A	100mV	72%
32114	PSD-15B-5	18~36V	5V, 3.0A	50mV	78%
32115	PSD-15B-12	18~36V	12V, 1.25A	100mV	78%
32116	PSD-15B-24	18~36V	24V, 0.6A	100mV	78%
32117	PSD-15C-5	36~72V	5V, 3.0A	50mV	78%
32118	PSD-15C-12	36~72V	12V, 1.25A	100mV	78%
32119	PSD-15C-24	36~72V	24V, 0.6A	100mV	79%