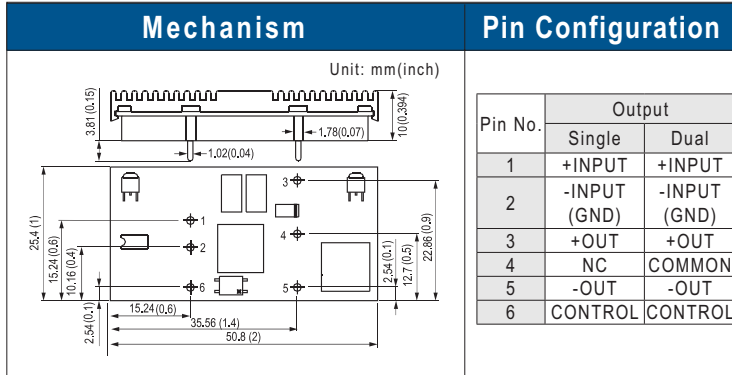


10W DC-DC Regulated Single and Dual Output



- 4:1 wide input range
- 1000VDC I/O isolation
- Protections: Short circuit / Overload / Over voltage
- Built-in EMI filter
- Built-in remote ON/OFF control
- Cooling by free air convection
- 100% full load burn-in test
- Low cost, high reliability
- 2 years warranty



- Voltage set point accuracy $\pm 2\%$ (max.)
- Line regulation $\pm 1\%$ @10%~full load
- Load regulation $\pm 1\sim\pm 3\%$ @10%~full load
- Efficiency 80% (typical)
- Short circuit protection continuous, auto-recovery
- Over voltage protection clamp@115~150%
- Shutdown idle current 20mA
- I/O isolation voltage 1000VDC
- I/O isolation resistance 100M Ω (min.) @500VDC
- Working temperature -25~+70 $^{\circ}$ C
- Storage temperature -40~+85 $^{\circ}$ C
- Temp. coefficient $\pm 0.03\%$ / $^{\circ}$ C(0~60 $^{\circ}$ C)
- Safety standards UL60950-1 approved
- EMC standards EN55022 Class B, EN61000-4-2,3,4,6,8
- Packing 0.02kg ; 300pcs / 7.0kg / 0.97CUFT

❖ Single Output

Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
NSD10-12S3	9.8~36	3.3	2500	75
NSD10-12S5	9.8~36	5	2000	75
NSD10-12S9	9.8~36	9	1100	75
NSD10-12S12	9.8~36	12	830	75
NSD10-12S15	9.8~36	15	670	75
NSD10-48S3	22~72	3.3	2500	75
NSD10-48S5	22~72	5	2000	75
NSD10-48S9	22~72	9	1100	75
NSD10-48S12	22~72	12	830	75
NSD10-48S15	22~72	15	670	75

❖ Dual Output

Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
NSD10-12D5	9.8~36	± 5	$\pm 50\sim 1000$	75
NSD10-12D12	9.8~36	± 12	$\pm 20\sim 420$	75
NSD10-12D15	9.8~36	± 15	$\pm 16\sim 330$	75
NSD10-48D5	22~72	± 5	$\pm 50\sim 1000$	75
NSD10-48D12	22~72	± 12	$\pm 20\sim 420$	75
NSD10-48D15	22~72	± 15	$\pm 16\sim 330$	75