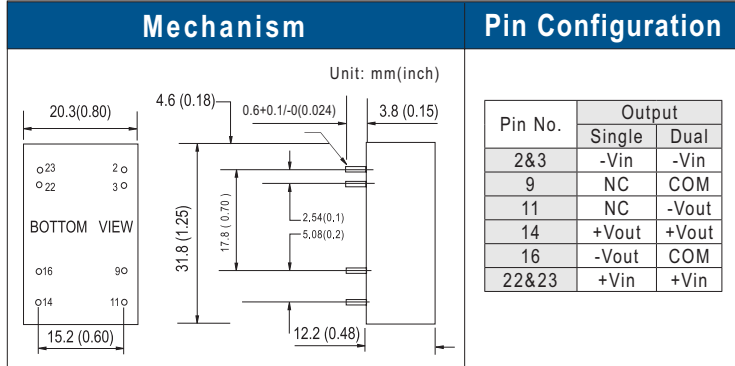


# 8W DC-DC Regulated Single and Dual Output



- 2:1 wide input range
- 1000VDC I/O isolation
- Built-in EMI filter
- Protection: Short circuit / Overload
- Cooling by free air convection
- Five-sided shield metal case
- 100% full load burn-in test
- Low cost, high reliability
- 2 years warranty



- Voltage set point accuracy .....  $\pm 2\%$  (max.)
- Line regulation .....  $\pm 0.5\%$  (max.)
- Load regulation .....  $\pm 0.5\%$  (max.)@20~100% load
- Efficiency ..... 81% (typical)
- Short circuit protection ..... continuous, auto-recovery
- Overload protection ..... 110%~250%, auto-recovery
- I/O isolation voltage ..... 1000VDC (min.)
- I/O isolation resistance ..... 100M $\Omega$  (min.)@ 500VDC
- Isolation capacitance ..... 250pF (max.)
- Working temperature ..... -25°C to +60°C (no derating),  
+71°C@80% load
- Storage temperature ..... -25°C to +105°C
- Temp. Coefficient .....  $\pm 0.03\%$  / °C (max.)
- Case material ..... Five-sided shield metal case
- EMI ..... Compliance to EN55022 Class B,  
FCC part15 Class B

## ✦ Single Output

Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
SCW08A-05	9~18	5	1600	50
SCW08A-12	9~18	12	670	60
SCW08A-15	9~18	15	533	60
SCW08B-05	18~36	5	1600	50
SCW08B-12	18~36	12	670	60
SCW08B-15	18~36	15	533	60
SCW08C-05	36~72	5	1600	50
SCW08C-12	36~72	12	670	60
SCW08C-15	36~72	15	533	60

## ✦ Dual Output

Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
DCW08A-05	9~18	$\pm 5$	$\pm 800$	50
DCW08A-12	9~18	$\pm 12$	$\pm 335$	60
DCW08A-15	9~18	$\pm 15$	$\pm 267$	60
DCW08B-05	18~36	$\pm 5$	$\pm 800$	50
DCW08B-12	18~36	$\pm 12$	$\pm 335$	60
DCW08B-15	18~36	$\pm 15$	$\pm 267$	60
DCW08C-05	36~72	$\pm 5$	$\pm 800$	50
DCW08C-12	36~72	$\pm 12$	$\pm 335$	60
DCW08C-15	36~72	$\pm 15$	$\pm 267$	60