



Power Supplies & UPS

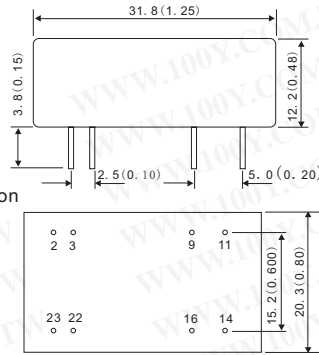
DC/DC Dual Output Power Converters

Detailed product specifications are available on: us.100y.com.tw



FEATURES:

- 2:1 wide input range
- 1000 VDC I/O isolation
- Input PI network filter
- Protection: short circuit/ overload
- Cooling by free air convection
- 100% full load burn-in test
- Low cost, high reliability
- 1 year warranty



Pin no.	Output	
	Single	Dual
2&3	-Vin	-Vin
9	N. C.	COM
11	N. C.	-Vout
14	+Vout	+Vout
16	-Vout	COM
22&23	+Vin	+Vin

Voltage set point accuracy: $\pm 2\%$ (max.)
 Line regulation: $\pm 0.5\%$ (max.)
 Load regulation: $\pm 0.5\%$ (max.) @20~100% load
 Efficiency: 76% (typical)
 Short circuit protection: continuous, auto-recovery
 Overload protections: 150~250%, auto-recovery

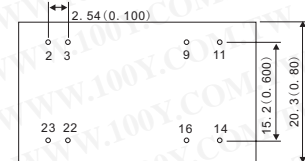
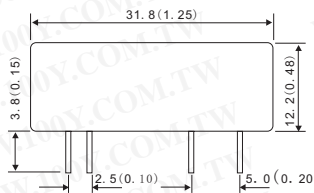
I/O isolation voltage: 1000VDC (min.)
 I/O isolation resistance: 100M Ω (min.) @500VDC
 Working temperature: -25°C to +60°C (no derating), +71°C@80% load
 Storage temperature: -25°C to +105°C
 Temp. Coefficient: $\pm 0.03\%/^{\circ}\text{C}$ (max.)
 Isolation capacitance: 80pF (Max.)

Part No.	Product No.	Manufacturer	Description	DCVout	DCVin	Current	DCVout	Current	Watts	Efficiency %
14441	DCW03A-05	MEAN WELL	DC to DC Dual Output Power Converters	+5VDC	9~18VDC	+300mA	-5VDC	-300mA	3W	76%
21215	DCW03A-12	MEAN WELL	DC to DC Dual Output Power Converters	+12VDC	9~18VDC	+125mA	-12VDC	-125mA	3W	76%
21217	DCW03A-15	MEAN WELL	DC to DC Dual Output Power Converters	+15VDC	9~18VDC	+100mA	-15VDC	-100mA	3W	76%
17456	DCW03B-05	MEAN WELL	DC to DC Dual Output Power Converters	+5VDC	18~36VDC	+300mA	-5VDC	-300mA	3W	76%
21218	DCW03B-12	MEAN WELL	DC to DC Dual Output Power Converters	+12VDC	18~36VDC	+125mA	-12VDC	-125mA	3W	76%
11851	DCW03B-15	MEAN WELL	DC to DC Dual Output Power Converters	+15VDC	18~36VDC	+100mA	-15VDC	-100mA	3W	76%
21219	DCW03C-05	MEAN WELL	DC to DC Dual Output Power Converters	+5VDC	36~72VDC	+300mA	-5VDC	-300mA	3W	76%
21220	DCW03C-12	MEAN WELL	DC to DC Dual Output Power Converters	+12VDC	36~72VDC	+125mA	-12VDC	-125mA	3W	76%
21221	DCW03C-15	MEAN WELL	DC to DC Dual Output Power Converters	+15VDC	36~72VDC	+100mA	-15VDC	-100mA	3W	76%



FEATURES:

- 2:1 wide input range
- 1000 VDC I/O isolation
- Input PI network filter
- Protection: short circuit/ overload
- Cooling by free air convection
- 100% full load burn-in test
- Low cost, high reliability
- 1 year warranty



Pin no.	Output	
	Single	Dual
2&3	-Vin	-Vin
9	N. C.	COM
11	N. C.	-Vout
14	+Vout	+Vout
16	-Vout	COM
22&23	+Vin	+Vin

Voltage set point accuracy: $\pm 2\%$ (max.)
 Line regulation: $\pm 0.5\%$ (max.)
 Load regulation: $\pm 0.5\%$ (max.) @20~100% load
 Efficiency: 76% (typical)
 Short circuit protection: continuous, auto-recovery
 Overload protections: 150~250%, auto-recovery

I/O isolation voltage: 1000VDC (min.)
 I/O isolation resistance: 100M Ω (min.) @500VDC
 Working temperature: -25°C to +60°C (no derating), +71°C@80% load
 Storage temperature: -25°C to +105°C
 Temp. Coefficient: $\pm 0.03\%/^{\circ}\text{C}$ (max.)
 Isolation capacitance: 80pF (Max.)

Part No.	Product No.	Manufacturer	Description	DCVout	DCVin	Current	DCVout	Current	Watts	Efficiency %
47787	DCW05B-12	MEAN WELL	DC to DC Dual Output Power Converters	+12VDC	18~36VDC	+230mA	-12VDC	-230mA	5W	82%
47730	DCW05C-12	MEAN WELL	DC to DC Dual Output Power Converters	+12VDC	36~72VDC	+230mA	-12VDC	-230mA	5W	83%



DET01 Series

FEATURES:

- 3000VDC I/O isolation
- Internal SMD technology
- Protection: Short circuit
- Non-conductive plastic case
- SMD package styles
- 100% full load burn-in test
- Low cost / High reliability
- Approved: UL / CUL
- 1 year warranty

Rated power: 1W
 Ripple & noise (max.) Note.2: 100mVp-p
 Line regulation: $\pm 1.2\%$ for 1% input variation
 Load regulation: $\pm 8.0\%$
 Voltage accuracy: $\pm 2.0\%$
 Working temp.: -40 ~ +85°C (Refer to output load derating curve)
 Storage temp., humidity: -40 ~ +105°C, 10 ~ 95% RH
 Safety standards: UL60950-1, CSAC22.2
 Withstand voltage: I/P-O/P: 3KVDC

