



Modular DC - DC Converters Terminal Strip Connections

GT

SPECIFICATIONS

- Input Voltage:** Nominal voltage $\pm 10\%$.
- Input Reflected Ripple:** 1% E_{in} (max.)
- Output Voltage and Trim Adjustment:** Output voltage is factory preset to $\pm 1\%$ of nominal. Single output models may be more precisely trimmed to the nominal voltage with an external resistor.
- Output Regulation:** See tables.
- Output Ripple:** (@ 25 MHz Bandwidth)
1 mv rms, 50 mv P-P (5 - 15 V outputs)
1.5 mv rms, 75 mv P-P (18 - 28 V outputs)
- Input / Output Isolation:** 500 VDC.
- Switching Frequency:** 20 KHz.
- Polarity:** Either positive or negative terminal of single output modules may be grounded.
- Temperature Coefficient:** .02 % / °C.
- Operating Temperature:** -20 to +71°C.
- Storage Temperature:** -40 to +85°C.

All specifications are subject to change without notice.

The GT series are small, rugged, regulated DC - DC Converters designed to provide high performance at economical prices. Terminal strip connections and threaded mounting holes offer additional versatility.

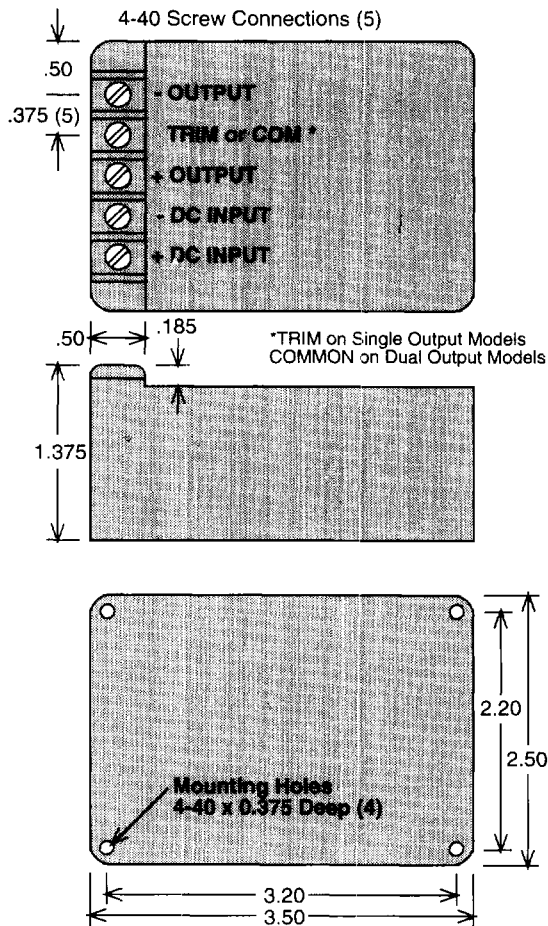
FEATURES:

- Input / Output Isolation
- Regulated Output
- Filtered Input
- High performance
- Short Circuit and Thermal Protection
- Rugged Encapsulated Construction
- Terminal Strip
- Bulkhead Mountings
- No Heat Sinking Required

SINGLE OUTPUT MODELS

Input VDC	Output VDC	Output Current			Regulation		Model
		40°C	55°C	71°C	Load	Line	
5	5	2.50	2.25	2.00	.15	.02	5-5GT250
5	6	2.00	1.80	1.60	.15	.02	5-6GT200
5	8	1.50	1.35	1.20	.10	.02	5-8GT150
5	9	1.40	1.25	1.10	.10	.02	5-9GT140
5	10	1.30	1.15	1.00	.10	.02	5-10GT130
5	12	1.20	1.10	1.00	.05	.02	5-12GT120
5	13	1.10	1.00	0.90	.05	.02	5-13GT110
5	15	1.00	0.90	0.80	.05	.02	5-15GT100
5	18	0.80	0.70	0.60	.05	.02	5-18GT80
5	20	0.70	0.60	0.50	.05	.02	5-20GT70
5	24	0.60	0.55	0.50	.05	.02	5-24GT60
5	28	0.50	0.45	0.40	.05	.02	5-28GT50
12	5	2.50	2.25	2.00	.15	.02	12-5GT250
12	6	2.00	1.80	1.60	.15	.02	12-6GT200
12	8	1.50	1.35	1.20	.10	.02	12-8GT150
12	9	1.40	1.25	1.10	.10	.02	12-9GT140
12	10	1.30	1.15	1.00	.10	.02	12-10GT130

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TeCal

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TEC05023*

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GT



SINGLE OUTPUT MODELS

(CONTINUED)

Input VDC	Output VDC	Output Current			Regulation		Model
		40°C	55°C	71°C	Load	Line	
2	12	1.20	1.10	1.00	.05	.02	12-12GT120
2	13	1.10	1.00	0.90	.05	.02	12-13GT110
2	15	1.00	0.90	0.80	.05	.02	12-15GT100
2	18	0.80	0.70	0.60	.05	.02	12-18GT80
2	20	0.70	0.60	0.50	.05	.02	12-20GT70
2	24	0.60	0.55	0.50	.05	.02	12-24GT60
2	28	0.50	0.45	0.40	.05	.02	12-28GT50
5	5	2.50	2.25	2.00	.15	.02	15-5GT250
5	6	2.00	1.80	1.60	.15	.02	15-6GT200
5	8	1.50	1.35	1.20	.10	.02	15-8GT150
5	9	1.40	1.25	1.10	.10	.02	15-9GT140
5	10	1.30	1.15	1.00	.10	.02	15-10GT130
5	12	1.20	1.10	1.00	.05	.02	15-12GT120
5	13	1.10	1.00	0.90	.05	.02	15-13GT110
5	15	1.00	0.90	0.80	.05	.02	15-15GT100
5	18	0.80	0.70	0.60	.05	.02	15-18GT80
5	20	0.70	0.60	0.50	.05	.02	15-20GT70
5	24	0.60	0.55	0.50	.05	.02	15-24GT60
5	28	0.50	0.45	0.40	.05	.02	15-28GT50
24	5	2.50	2.25	2.00	.15	.02	24-5GT250
24	6	2.00	1.80	1.60	.15	.02	24-6GT200
24	8	1.50	1.35	1.20	.10	.02	24-8GT150
24	9	1.40	1.25	1.10	.10	.02	24-9GT140
24	10	1.30	1.15	1.00	.10	.02	24-10GT130
24	12	1.20	1.10	1.00	.05	.02	24-12GT120
24	13	1.10	1.00	0.90	.05	.02	24-13GT110
24	15	1.00	0.90	0.80	.05	.02	24-15GT100
24	18	0.80	0.70	0.60	.05	.02	24-18GT80
24	20	0.70	0.60	0.50	.05	.02	24-20GT70
24	24	0.60	0.55	0.50	.05	.02	24-24GT60
24	28	0.50	0.45	0.40	.05	.02	24-28GT50
28	5	2.50	2.25	2.00	.15	.02	28-5GT250
28	6	2.00	1.80	1.60	.15	.02	28-6GT200
28	8	1.50	1.35	1.20	.10	.02	28-8GT150
28	9	1.40	1.25	1.10	.10	.02	28-9GT140
28	10	1.30	1.15	1.00	.10	.02	28-10GT130
28	12	1.20	1.10	1.00	.05	.02	28-12GT120
28	13	1.10	1.00	0.90	.05	.02	28-13GT110
28	15	1.00	0.90	0.80	.05	.02	28-15GT100
28	18	0.80	0.70	0.60	.05	.02	28-18GT80
28	20	0.70	0.60	0.50	.05	.02	28-20GT70
28	24	0.60	0.55	0.50	.05	.02	28-24GT60
28	28	0.50	0.45	0.40	.05	.02	28-28GT50

DUAL OUTPUT MODELS

Input VDC	Output VDC	Output Current			Regulation		Model
		40°C	55°C	71°C	Load	Line	
5	±10	0.60	0.55	0.50	.05	.02	5D10GT60
5	±12	0.60	0.55	0.50	.05	.02	5D12GT60
5	±15	0.50	0.45	0.40	.05	.02	5D15GT50
5	±18	0.40	0.35	0.30	.05	.02	5D18GT40
12	±10	0.60	0.55	0.50	.05	.02	12D10GT60
12	±12	0.60	0.55	0.50	.05	.02	12D12GT60
12	±15	0.50	0.45	0.40	.05	.02	12D15GT50
12	±18	0.40	0.35	0.30	.05	.02	12D18GT40
15	±10	0.60	0.55	0.50	.05	.02	15D10GT60
15	±12	0.60	0.55	0.50	.05	.02	15D12GT60
15	±15	0.50	0.45	0.40	.05	.02	15D15GT50
15	±18	0.40	0.35	0.30	.05	.02	15D18GT40
24	±10	0.60	0.55	0.50	.05	.02	24D10GT60
24	±12	0.60	0.55	0.50	.05	.02	24D12GT60
24	±15	0.50	0.45	0.40	.05	.02	24D15GT50
24	±18	0.40	0.35	0.30	.05	.02	24D18GT40
28	±10	0.60	0.55	0.50	.05	.02	28D10GT60
28	±12	0.60	0.55	0.50	.05	.02	28D12GT60
28	±15	0.50	0.45	0.40	.05	.02	28D15GT50
28	±18	0.40	0.35	0.30	.05	.02	28D18GT40

OTHER VOLTAGES AND CURRENTS AVAILABLE

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