



RL-2271

TWO IN ONE™ TRIPLE OUTPUT POWER TRANSFORMERS CHASSIS MOUNT

DESCRIPTION

- Triple Output Power Transformer
- Chassis Mount

ENVIRONMENTAL DATA

- Storage temperature range:
-55°C to +130°C
- Operating temperature range:
-40°C to +130°C

PACKAGING INFORMATION

- Packaging information: pg. 509

FEATURES & APPLICATIONS

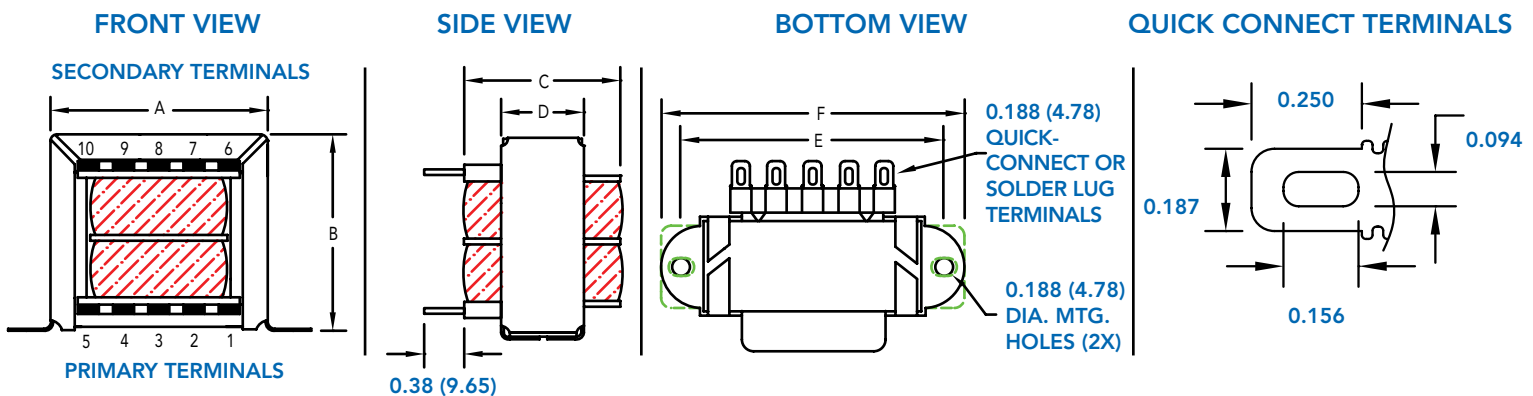
- Have a triple output designed for 5 VDC and ± 12 VDC or ± 15 VDC regulated power supplies
- Available in ratings of 30 VA, 56 VA, and 100 VA
- Designed with single primary 50/60 Hz and input range of (100 V to 130 V)
- Designed with solder lug/quick connect type terminals
- Split bobbin construction eliminates the need for electrostatic shielding
- Hipot tested at 2500 VRMS

Verify operation with sample in actual circuit. Order samples at www.rencousa.com.

MECHANICAL DIMENSIONS

U.S. Standard (mm)

PART NUMBER	SIZE	VA	A	B	C	D	E	F
RL-2271	6	30	2.34 (82.30)	1.75 (44.40)	1.99 (50.50)	1.08 (27.40)	2.80 (71.10)	3.24 (82.30)
RL-2271	7	56	2.69 (68.30)	1.87 (47.50)	2.27 (57.60)	1.13 (28.50)	3.13 (79.50)	3.55 (90.10)
RL-2271	8	100	3.10 (78.60)	2.25 (57.00)	2.65 (67.20)	1.39 (35.30)	3.59 (91.10)	3.98 (101.20)



RENCO ELECTRONICS INC.



595 International Place, Rockledge, FL 32955-4200 USA • www.rencousa.com • ISO 9001 Certified
Toll Free Engineering Hot Line: 800.645.5828 • P: 321.637.1000 • F: 321.637.1600

RL-2271

Renco Part No. Primary 50/60Hz 115V	VA Size	DC OUTPUT	
		Regulator I	Regulator II
RL-2271-6-12	30	5V @ 1.75A	±12 @ 210 mA
RL-2271-6-15	30	5V @ 1.75A	±15 @ 210 mA
RL-2271-7-12	56	5V @ 2.80A	±12 @ 350 mA
RL-2271-7-15	56	5V @ 2.80A	±15 @ 350 mA
RL-2271-8-12	100	5V @ 4.00A	±12 @ 600 mA
RL-2271-8-15	100	5V @ 4.00A	±15 @ 600 mA

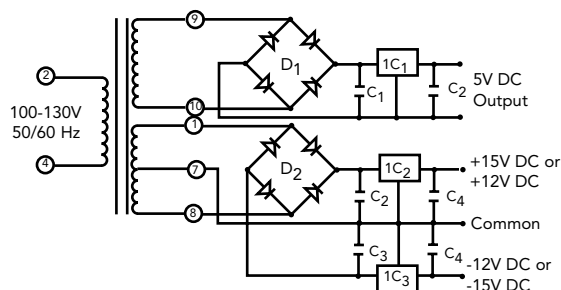
Renco Part No. Primary 50/60Hz 115V	SUGGESTED COMPONENTS						
	C1	C3	IC1	IC2	IC3	D1	D2
RL-2271-6-12	10 KMFD @ 20 VDC	1.5 KMFD @ 50VDC	LM-323K-5	LM-340K-12	LM-320K-12	3N253	3N247
RL-2271-6-15	10 KMFD @ 20 VDC	1.5 KMFD @ 50VDC	LM-323K-5	LM-340K-15	LM-320K-15	3N253	3N247
RL-2271-7-12	15 KMFD @ 20 VDC	2.0 KMFD @ 50VDC	LM-323K-5	LM-340K-12	LM-320K-12	MDA-400	3N247
RL-2271-7-15	15 KMFD @ 20 VDC	2.0 KMFD @ 50VDC	LM-323K-5	LM-340K-15	LM-320K-15	MDA-400	3N247
RL-2271-8-12	26 KMFD @ 20 VDC	3.1 KMFD @ 50VDC	LM-338 ²	LM-340K-12	LM-320K-12	MDA-800	3N247
RL-2271-8-15	26 KMFD @ 20 VDC	3.1 KMFD @ 50VDC	LM-338 ²	LM-340K-15	LM-320K-15	MDA-800	3N247

NOTES:

1. OUTPUT CAPACITORS C2 AND C4 ARE REQUIRED TO STABILIZE REGULATORS.
VALUES CAN BE 1MFD MON. TANTALUM OR 10MFD MIN. ELECTROLYTIC, 20VMIN.
2. LM-338 IS AN ADJUSTABLE REGULATOR AND MFR'S SPECIFICATIONS
(NATIONAL SEMICONDUCTOR) SHOULD BE CONSULTED FOR VALUES
OF EXTERNAL COMPONENTS
3. ALL ICS ARE NATIONAL SEMICONDUCTOR TYPES
4. ALL DIODES ARE MOTOROLA TYPES
5. ELECTRICAL SPECIFICATIONS MEASURED AT 25°C

PART NUMBER	PART WEIGHT
RL-2271-6	564.0g (19.89oz)
RL-2271-7	800.0g (28.22oz)
RL-2271-8	1,250.0g (44.09oz)

SCHEMATIC



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