

THN15WI Series

15 Watt Single / Dual Output Models

TRACO POWER

4:1 Ultra-Wide Input Range Converters

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FEATURES: Dimensions: 1.00 x 1.00 x 0.40"

- Smallest encapsulated 15 W Converter
- 1" x 1" x 0.4" mm metal package
- Ultra-Wide 4:1 input voltage range
- Very high efficiency up to 87%
- Operating temperature range -40 °C to +85 °C
- I/O isolation 1500 VDC
- Short circuit protection
- Remote On/Off
- Adjustable output voltage
- Industry Standard Pinout
- 3-year product warranty

INPUT SPECIFICATIONS:

ISOLATION (I/O)	1500 VDC Input to Output
SETPOINT ACCURACY	±1%
TRIM RANGE	±10%
REGULATION	Line ±0.5% , Load ±0.2% Singles / 1% Duals
RIPPLE	<100mV pk-pk (max) (20MHz BW)
OVER CURRENT	110-140% of rated current, foldback
SHORT CIRCUIT	Continuous, auto-recovery
OPERATING TEMPERATURE	-40 ~ +85°C (Derate 2.5%/k > 65°C)
STORAGE TEMPERATURE	-55 ~ +125°C
COOLING	Free air Convection
WEIGHT	15g
SAFETY	UL/cUL 60950-1, CB IEC60950-1

MODELS:

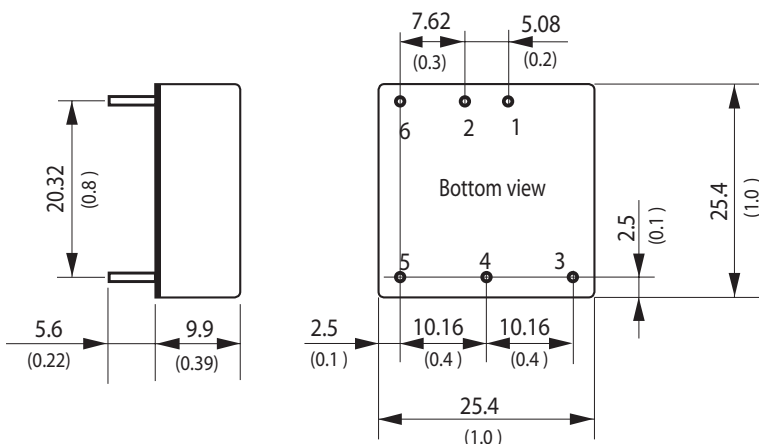
MODEL	INPUT	OUTPUT(S)
THN15-2410WI	9~36V	3.3V 4.00A
THN15-2411WI	9~36V	5V 3.00A
THN15-2412WI	9~36V	12V 1.30A
THN15-2413WI	9~36V	15V 1.00A
THN15-2421WI	9~36V	+5V 1.50A -5V 1.50A
THN15-2422WI	9~36V	+12V 0.625A -12V 0.625A
THN15-2423WI	9~36V	+15V 0.50A -15V 0.50A
THN15-4810WI	18~75V	3.3V 4.00A
THN15-4811WI	18~75V	5V 3.00A
THN15-4812WI	18~75V	12V 1.30A
THN15-4813WI	18~75V	15V 1.00A
THN15-4821WI	18~75V	+5V 1.50A -5V 1.50A
THN15-4822WI	18~75V	+12V 0.625A -12V 0.625A
THN15-4823WI	18~75V	+15V 0.50A -15V 0.50A

DOWNLOADS:

Download Copy of this specification:
<http://www.powergatellc.com/pdfs/THN15WI.pdf>

Detailed Spec:
<http://www.tracopower.com/products/thn15wi.pdf>

OUTLINE DRAWING:



Pin-Out		
Pin	Single	Dual
1	+Vin (Vcc)	+Vin (Vcc)
2	-Vin (GND)	-Vin (GND)
3	+ Vout	+ Vout
4	Trim	Common
5	-Vout	-Vout
6	Remote On/Off	

* Specifications are subject to change without notice.