

DC-DC Converters

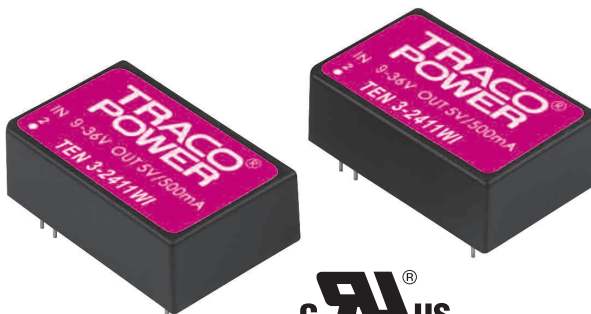
**POWER
SOLVE**

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TEN 3WI Series 3 Watt

Features

- DIL-24 Plastic Package
- Ultrawide 4:1 Input Range
- I/O Isolation 1500 VDC
- Operating Temperature Range -40°C to +85°C
- Short Circuit Protection
- Input Filter to meet EN 55022, Class A
- Industry Standard Pinout



cUL[®]US
Pending

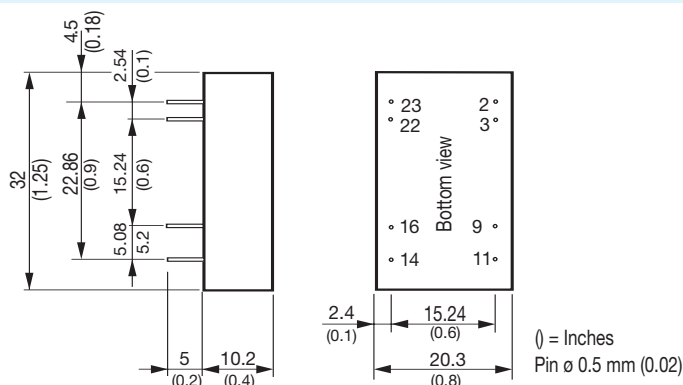
Electrical Specification

Line regulation	±1.0% max.
Load regulation	– Single output models: ±1.0% max. – Dual output models: ±3.0% max.
Ripple & Noise	<85 mVpk-pk (20 MHz BW)
Conducted EMI	EN 55022, class A and FCC, level A (internal filter)
Short circuit protection	continuous, automatic recovery
Efficiency	82% typ.
Operating temperature range	-40°C ... +85°C above 70°C derating 3%/°C
I/O isolation voltage	1500 VDC
Safety standards / approvals	cUL/UL 60950-1, IEC/EN 60950-1
Case	plastic (UL 94V-O rating)

MODEL	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT MAX.
TEN 3-2410WI	9 – 36 VDC	3.3 VDC	600 mA
TEN 3-2411WI		5 VDC	500 mA
TEN 3-2412WI		12 VDC	250 mA
TEN 3-2413WI		15 VDC	200 mA
TEN 3-2422WI		±12 VDC	±125 mA
TEN 3-2423WI		±15 VDC	±100 mA
TEN 3-4810WI	18 – 75 VDC	3.3 VDC	600 mA
TEN 3-4811WI		5 VDC	500 mA
TEN 3-4812WI		12 VDC	250 mA
TEN 3-4813WI		15 VDC	200 mA
TEN 3-4822WI		±12 VDC	±125 mA
TEN 3-4823WI		±15 VDC	±100 mA

Pin Connection

Pin	Single Output	Dual Output
2	– Vin (GND)	– Vin (GND)
3	– Vin (GND)	– Vin (GND)
9	No pin	Common
11	No con.	– Vout
14	+ Vout	+ Vout
16	– Vout	Common
22	+ Vin (Vcc)	+ Vin (Vcc)
23	+ Vin (Vcc)	+ Vin (Vcc)



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