

DC-DC Converters

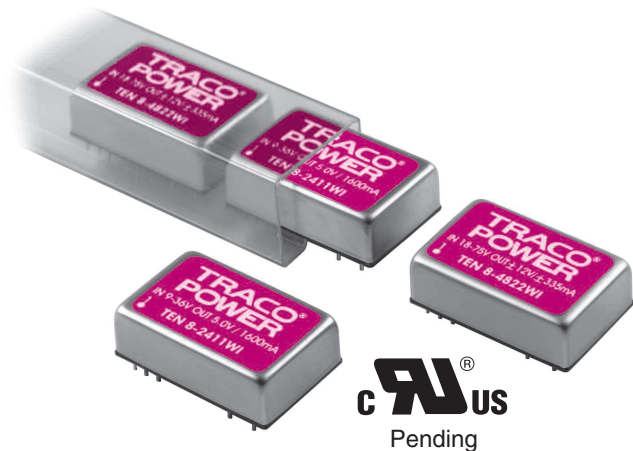
**POWER
SOLVE**

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TEN 8WI Series 8 Watt

Features

- High Power Density in DIP-24 Metal Package
- Ultrawide 4:1 Input Range
- High Efficiency up to 88%
- Operating Temperature Range -40°C to +85°C
- I/O Isolation 1500 VDC
- Short Circuit Protection
- Remote On/Off
- Industry Standard Pinout



Electrical Specification

Line regulation	±0.2% max.
Load regulation	- Single output models: ±0.5% max. - Dual output models: ±1.0% max.
Ripple & Noise	<50 mVpk-pk (20 MHz BW)
Conducted EMI	EN 55022, class A and FCC, level A (with external capacitor)
Short circuit protection	continuous, automatic recovery
Efficiency	83% typ.
Operating temperature range	-40°C ... +85°C above 75°C derating 3%/°C
I/O isolation voltage	1500 VDC
Safety standards	cUL /UL 60950-1, IEC/EN 60950-1
Case	metal, 6-side shielded with insulated baseplate
Remote On/Off	shutdown input for low input current (2.5 mA) in standby operation

Pin Connection

Pin	Single Output	Dual Output
1	Remote On/Off	Remote On/Off
2	- Vin (GND)	- Vin (GND)
3	- Vin (GND)	- Vin (GND)
9	No con.	Common
11	No con.	- Vout
14	+ Vout	+ Vout
16	- Vout	Common
22	+ Vin (Vcc)	+ Vin (Vcc)
23	+ Vin (Vcc)	+ Vin (Vcc)

MODEL	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT MAX.
TEN 8-2410WI	9 - 36 VDC	3.3 VDC	2400 mA
TEN 8-2411WI		5 VDC	1600 mA
TEN 8-2412WI		12 VDC	665 mA
TEN 8-2413WI		15 VDC	535 mA
TEN 8-2421WI		±5 VDC	±800 mA
TEN 8-2422WI	18 - 75 VDC	±12 VDC	±335 mA
TEN 8-2423WI		±15 VDC	±265 mA
TEN 8-4810WI		3.3 VDC	2400 mA
TEN 8-4811WI		5 VDC	1600 mA
TEN 8-4812WI		12 VDC	665 mA
TEN 8-4813WI		15 VDC	535 mA
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