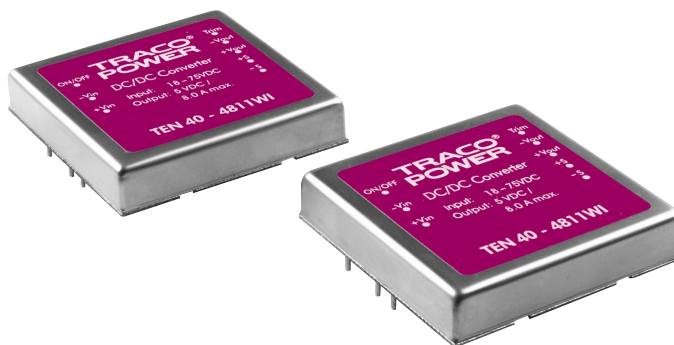


DC/DC Converters

- ◆ Highest Power Density in 51x51x10 mm Metal Package
- ◆ Ultrawide 4:1 Input Range
- ◆ Very high Efficiency up to 88 %
- ◆ Operating Temperature Range -40°C to $+75^{\circ}\text{C}$
- ◆ Under- / Over-Voltage Lockout
- ◆ I/O Isolation 1500 VDC
- ◆ Short Circuit Protection
- ◆ Remote On/Off
- ◆ Adjustable Output Voltage

TEN 40WI Series, 40 Watt

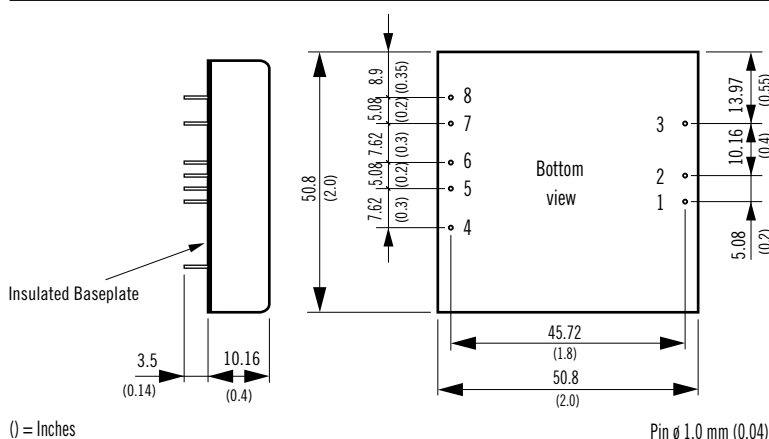


NEW
Product

cULus
pending

Models			
Order code	Input voltage	Output voltage	Output current max.
TEN 40-2410WI	9 – 36 VDC	3.3 VDC	10'000 mA
TEN 40-2411WI		5 VDC	8'000 mA
TEN 40-2412WI		12 VDC	3330 mA
TEN 40-2413WI		15 VDC	2660 mA
TEN 40-2422WI		± 12 VDC	± 1660 mA
TEN 40-2423WI		± 15 VDC	± 1330 mA
TEN 40-4810WI	18 – 75 VDC	3.3 VDC	10'000 mA
TEN 40-4811WI		5 VDC	8'000 mA
TEN 40-4812WI		12 VDC	3330 mA
TEN 40-4813WI		15 VDC	2660 mA
TEN 40-4822WI		± 12 VDC	± 1660 mA
TEN 40-4823WI		± 15 VDC	± 1330 mA

Line regulation:	$\pm 1.0\%$ max.
Load regulation:	– Single output models: $\pm 0.5\%$ max. – Dual output models: $\pm 1.0\%$ max.
Output voltage adjustment:	$\pm 10\%$ (by external resistor)
Ripple & Noise:	– 3.3 / 5 VDC output models: < 50 mVpk-pk (20 MHz BW) – all other output models: < 75 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:	86% typ.
Operating temperature range:	-40°C ... $+85^{\circ}\text{C}$ for derating see datasheet
I/O isolation voltage:	1500 VDC
Safety standards / approvals:	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 (3 mA) in standby operation



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

() = Inches

Pin $\varnothing$ 1.0 mm (0.04)