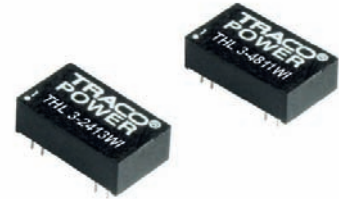


THL-3WI Series ▶ 3 W



- ▶ Ultra wide 4:1 input voltage range
- ▶ Fully regulated outputs
- ▶ I/O-isolation 1500VDC
- ▶ Operating temperature range -40 °C to +85 °C
- ▶ Qualified for leadfree reflow solder process according IPC J-STD-020D
- ▶ Short circuit protection
- ▶ Input filter to meet EN 55022, class A
- ▶ Remote On/Off

Full datasheet in progress !



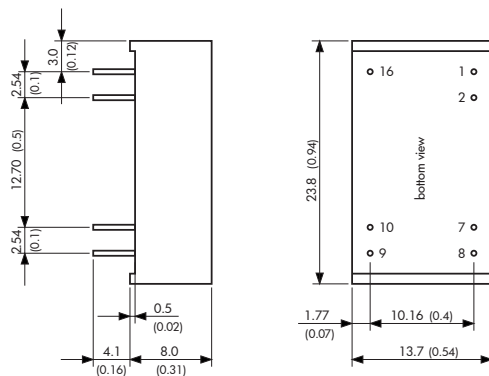
NEW
Product

Specifications	
Line regulation	0.5% max.
Load regulation	- Single output models: 0.5% max. - Dual output models: 1.0% max.
Ripple & noise	<60 mVpk-pk (20MHz BW) (no external output capacitor required)
Conducted EMI	EN55022, class A, and FCC, level A (internal filter)
Short circuit protection	continuous, automatic recovery
Efficiency	81 % typ.
Operating temperature range	-40 °C to +85 °C above 70 °C derating 3.5%/K
I/O isolation test voltage	1500 VDC
Safety standards	cUL/UL 60950-1, IEC/EN 60950-1
Casing	Epoxy molded (UL 94 V-0 rated)
Remote On/Off	shutdown input for low input current (5 mA) in standby operation

Models			
Order code	Input voltage	Output voltage	Output current max.
THL 3-2410WI		3.3 VDC	600 mA
THL 3-2411WI		5 VDC	600 mA
THL 3-2412WI		12 VDC	250 mA
THL 3-2413WI	9 – 36 VDC	15 VDC	200 mA
THL 3-2421WI		± 5 VDC	± 300 mA
THL 3-2422WI		± 12 VDC	± 125 mA
THL 3-2423WI		± 15 VDC	± 100 mA
THL 3-4810WI		3.3 VDC	600 mA
THL 3-4811WI		5 VDC	600 mA
THL 3-4812WI		12 VDC	250 mA
THL 3-4813WI	18 – 75 VDC	15 VDC	200 mA
THL 3-4821WI		± 5 VDC	± 300 mA
THL 3-4822WI		± 12 VDC	± 125 mA
THL 3-4823WI		± 15 VDC	± 100 mA

Product with same electrical specifications available in SMD package.
See THL-3WISM series page 15

Dimensions



() = Inches

Pin	Single output	Dual output
1	- Vin (GND)	- Vin (GND)
2	Remote On/Off	Remote On/Off
7	No con.	No con.
8	No con.	Common
9	+ Vout	+ Vout
10	- Vout	- Vout
16	+ Vin (Vcc)	+ Vin (Vcc)