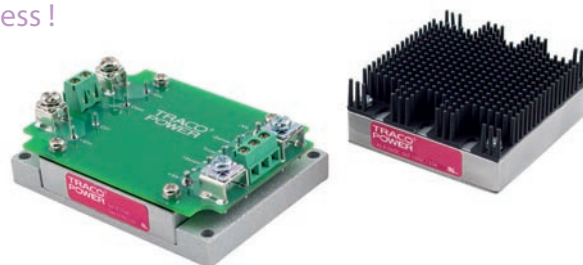


TEP-160 Series ▶ 132 to 196 W



- ▶ High power density
- ▶ wide 2:1 input voltage range
- ▶ Very high efficiency up to 93 %
- ▶ Soft start
- ▶ Reverse input protection
- ▶ I/O isolation 2250 VDC (basic insulation)
- ▶ Adjustable output voltage
- ▶ Shielded metal case with aluminium baseplate
- ▶ Optional adapter for screw terminal connection, chassis mount and for DIN-rail mount

Full datasheet in progress !

NEW
product

(Models pictured with chassis mount adapter and heat-sink)

Specifications

Line regulation	0.2% max.
Load regulation	0.3% max.
Output voltage	+10% / -20% adjustable by external resistor
Ripple & noise (20 MHz BW)	- 5 VDC output models: <75 mVpk-pk - other output models: <1% of Vout
Conducted EMI	EN 55022, class A and FCC, level A (with filter)
Short circuit protection	continuous, automatic recovery
Reverse input protection	parallel diode
Efficiency	90% typ.
Operating temperature range	-40 °C to +75°C with heat-sink for derating see datasheet
Thermal protection	shutdown at 115 °C
I/O isolation test voltage	2250 VDC (basic insulation)
Safety standards / approvals	cUL/UL 60950-1, IEC/EN 60950-1
Casing	shielded metal case with aluminium baseplate
Remote On/Off	shutdown input for low input current (3 mA) in standby operation
DIN-rail mount	optional adapter for chassis mount version: TEP-MK1

Models

Order code	Input voltage	Output voltage	Output current max.
TEP 160-1210		3.3 VDC	40 A
TEP 160-1211		5.0 VDC	28 A
TEP 160-1212		12 VDC	12 A
TEP 160-1213	9 – 22 VDC	15 VDC	9.5 A
TEP 160-1215		24 VDC	6 A
TEP 160-1216		28 VDC	5 A
TEP 160-1218		48 VDC	3 A
TEP 160-2410		3.3 VDC	40 A
TEP 160-2411		5.0 VDC	30 A
TEP 160-2412		12 VDC	13 A
TEP 160-2413	18 – 36 VDC	15 VDC	10 A
TEP 160-2415		24 VDC	6.5 A
TEP 160-2416		28 VDC	5.5 A
TEP 160-2418		48 VDC	3.3 A
TEP 160-4810		3.3 VDC	45 A
TEP 160-4811		5.0 VDC	34 A
TEP 160-4812		12 VDC	16 A
TEP 160-4813	34 – 75 VDC	15 VDC	13 A
TEP 160-4815		24 VDC	8 A
TEP 160-4816		28 VDC	7 A
TEP 160-4818		48 VDC	4 A
TEP 160-48153		53 VDC	3.7 A

Options

Heat-sink: Order code TEP-HS1 (separate order)

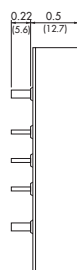
Chassis mount adapter: add suffix -CM*

Chassis mount adapter with EMI-filter: add suffix -CMF*

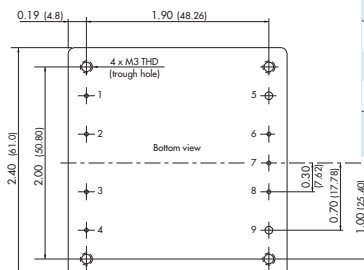
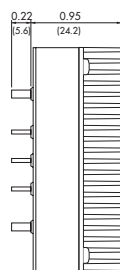
* Shipped assembled with converter module

Dimensions

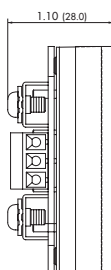
TEP 160 Module



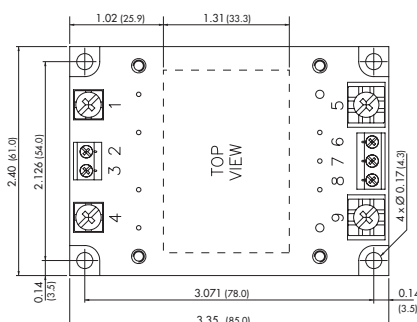
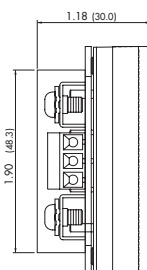
TEP 160 Module with heat-sink



TEP 160 Module on Chassis mount adapter



TEP 160 Module on Chassis mount adapter with EMI-filter



Pin	
1	- Vin (GND)
2	Case
3	Remote On/Off
4	+ Vin (Vcc)
5	- Vout
6	- Sense
7	Trim
8	+ Sense
9	+ Vout

() = mm