DC/DC Converter 25/30 Watt
TEN 25 Series

Further Documents:

pdf-datasheet (52KB)
pdf-Datenblatt (52KB)

- Wide 2:1 Input Range
- Very high Efficiency
- Continuous Short Circuit Protection
- Overvoltage Protection
- Input Filter to meet EN 55022, Class A and FCC, Level A
- Remote on/off
- Adjustable Output Voltage
- Six-side shielded Metal Case with insulated Baseplate
- Industry Standard-Pinout

Line regulation:	±0.3% max.	
Load regulation:	- Single output models:	±0.5% max.
	- Dual output models:	±1.0% max.
Output voltage adjustment:	±10% (by external resistor)	
Ripple & noise:	<80 mVpk-pk (20 MHz BW)	
Conducted EMI:	EN 55022, class A and FCC, level A (internal filter)	
Short circuit protection:	continuous	
Efficiency:	85% typ.	
Operating temperature range:	-40°C ... +71°C above 50°C derating 1.25%/°C	
I/O isolation voltage:	1’500 VDC	
Safety standards/ approvals:	cUL/UL 1950, IEC/EN 60950	
MTBF:	>1 Mio. h @ +25°C	
Case:	metal, 6-side shielded with insulated baseplate	
Remote on/off:	shutdown input (remote on/off) for low input current (5 mA) in standby operation	

Standard Models

Order code	Input voltage	Output	Output

		voltage	current max.
TEN 25-1210		3.3 VDC	5500 mA
TEN 25-1211		5 VDC	5000 mA
TEN 25-1212	9 - 18 VDC	12 VDC	2500 mA
TEN 25-1213		15 VDC	2000 mA
TEN 25-1222		± 12 VDC	± 1250 mA
TEN 25-1223		± 15 VDC	± 1000 mA
TEN 25-2410		3.3 VDC	5500 mA
TEN 25-2411		5 VDC	5000 mA
TEN 25-2412	18 - 36 VDC	12 VDC	2500 mA
TEN 25-2413		15 VDC	2000 mA
TEN 25-2422		± 12 VDC	± 1250 mA
TEN 25-2423		± 15 VDC	± 1000 mA
TEN 25-4810		3.3 VDC	5500 mA
TEN 25-4811		5 VDC	5000 mA
TEN 25-4812	36 - 75 VDC	12 VDC	2500 mA
TEN 25-4813		15 VDC	2000 mA
TEN 25-4822		± 12 VDC	± 1250 mA
TEN 25-4823		± 15 VDC	± 1000 mA

Pin-Out

Pin	Single output	Dual output
1	+Vin(Vcc)	+Vin(Vcc)
2	-Vin(GND)	-Vin(GND)
3	No pin	No pin
4	Remote on/off	Remote on/off
5	No pin	+Vout
6	+Vout	Common
7	-Vout	-Vout
8	Trim	Trim