

Unregulated
 Single output
 Case style: SIP 4

INDUSTRIAL DC/DC Converters SHORT CIRCUIT PROOF

1 Watt / 1,5 Watt
 Series: FS4U

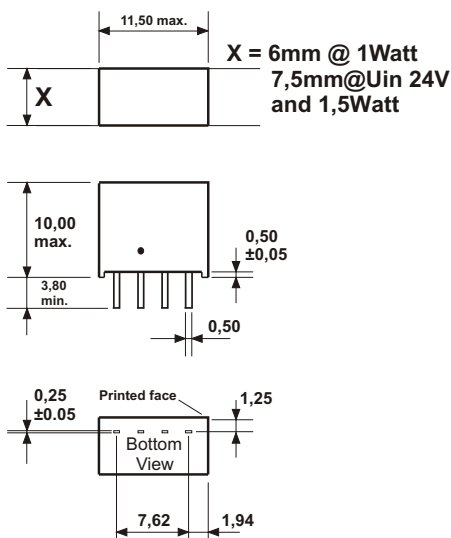
Electrical specifications:

Input voltage range:	+/- 10%	Efficiency:	up to 80%
Output voltage accuracy:	+/- 2% (Vin=nominal & full load)	Output Ripple & Noise:	typ. 150mVp-p
	+/- 5% (Vin < 3,3V)	Short circuit protection:	continuous
Line Vin/Vout:	+/- 1% / +/- 1%	Insulation test voltage:	1500V AC rms @ 1W Version
Output voltage change:	3,3V,5V output types 15% max.	Output voltage: @ zero Load; approx. 15% above nominal	
(10% to 100%)	9 ~ 24V output types 10% max.	Part-No.: /2	0,25W output power
Operating temperature:	-40°C to +95°C	Part-No.: /5	0,5W output power
Ambient temperature:	-40°C to +71°C		

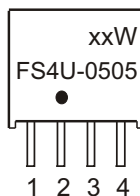
CAUTION: NO INPUT POLARITY CHANGE ALLOWED!

Part - No. DC	Input Voltage DC	Output Voltage DC	1Watt	1,5Watt
			Output current mA	Output current mA
FS4U-0505 FS4U-0509 FS4U-0512 FS4U-0515	5V	5V 9V 12V 15V	200mA 110mA 83mA 66mA	300mA
FS4U-1205 FS4U-1209 FS4U-1212 FS4U-1215	12V	5V 9V 12V 15V	200mA 110mA 83mA 66mA	300mA
FS4U-1505 FS4U-1509 FS4U-1512 FS4U-1515	15V	5V 9V 12V 15V	200mA 110mA 83mA 66mA	300mA
FS4U-2405 FS4U-2409 FS4U-2412 FS4U-2415	24V	5V 9V 12V 15V	200mA 110mA 83mA 66mA	

Any other input & output voltages available
 (for example 3,3V)



PIN CONNECTION:



ALL DIMENSIONS IN MM
 MILLIMETERS +/-0,25mm
 All pins on a 2,54mm pitch
 Dot denotes +IN

Additional output capacitor
 of 4,7µF will reduce ripple
 significantly, but is not demanded.

- 1 = GND
- 2 = Vcc
- 3 = 0V
- 4 = +Vout

Input capacitor 4,7µF - 10µF is a must.

Specification may be changed without notice
 please contact office for verification

We can offer EMC - Filter
 according to EN55011/22 Class B.